

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076952.D
 Acq On : 08 Aug 2023 14:02
 Operator : KP/SY
 Sample : VSTDICC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 09 05:41:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	188769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	348844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	322353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69142	46.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.860%
35) Dibromofluoromethane	7.804	113	86373	46.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.100%
50) Toluene-d8	10.269	98	270483	44.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.575	95	96625	45.885	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	46961	48.004	ug/l	99
3) Chloromethane	2.146	50	76688	47.891	ug/l	96
4) Vinyl Chloride	2.275	62	109948	46.597	ug/l	95
5) Bromomethane	2.681	94	91775	43.004	ug/l	99
6) Chloroethane	2.828	64	88629	45.720	ug/l	99
7) Trichlorofluoromethane	3.169	101	113103	44.002	ug/l	96
8) Diethyl Ether	3.587	74	38509	46.560	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	77284	43.905	ug/l	97
10) Methyl Iodide	4.157	142	86315	50.916	ug/l	91
11) Tert butyl alcohol	5.063	59	24838	250.292	ug/l	99
12) 1,1-Dichloroethene	3.940	96	65787	45.537	ug/l	88
13) Acrolein	3.793	56	7434	217.499	ug/l	96
14) Allyl chloride	4.557	41	84744	47.763	ug/l	92
15) Acrylonitrile	5.251	53	96232	233.984	ug/l	100
16) Acetone	4.016	43	74563	238.558	ug/l	93
17) Carbon Disulfide	4.269	76	120598	49.314	ug/l	99
18) Methyl Acetate	4.557	43	64610	46.465	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	194110	47.600	ug/l	99
20) Methylene Chloride	4.798	84	105032	48.523	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	76156	46.149	ug/l	99
22) Diisopropyl ether	6.216	45	227713	49.129	ug/l	97
23) Vinyl Acetate	6.157	43	537249	247.143	ug/l	96
24) 1,1-Dichloroethane	6.110	63	156514	47.243	ug/l	97
25) 2-Butanone	7.081	43	110759	222.364	ug/l	97
26) 2,2-Dichloropropane	7.075	77	133713	44.453	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	106769	47.151	ug/l	99
28) Bromochloromethane	7.422	49	77486	48.938	ug/l	91
29) Tetrahydrofuran	7.445	42	65838	236.706	ug/l	93
30) Chloroform	7.598	83	180170	47.668	ug/l	94
31) Cyclohexane	7.875	56	87821	49.272	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	142017	45.783	ug/l	99
36) 1,1-Dichloropropene	8.010	75	108427	46.753	ug/l	96
37) Ethyl Acetate	7.163	43	45764	42.765	ug/l	98
38) Carbon Tetrachloride	7.992	117	110572	44.547	ug/l	95
39) Methylcyclohexane	9.269	83	112532	45.799	ug/l	98
40) Benzene	8.251	78	348543	46.741	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	26830	46.464	ug/l #	94
42) 1,2-Dichloroethane	8.328	62	93754	46.642	ug/l	97
43) Isopropyl Acetate	8.363	43	92045	45.772	ug/l	95
44) Trichloroethene	9.028	130	92784	45.068	ug/l	93
45) 1,2-Dichloropropane	9.304	63	89761	44.667	ug/l	97
46) Dibromomethane	9.392	93	54312	45.229	ug/l	91
47) Bromodichloromethane	9.581	83	138469	44.952	ug/l	95
48) Methyl methacrylate	9.381	41	43701	49.420	ug/l	83
49) 1,4-Dioxane	9.381	88	12386	882.470	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	251835	226.875	ug/l	94
52) Toluene	10.333	92	229523	46.866	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	124432	46.303	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	143037	45.893	ug/l #	95
55) 1,1,2-Trichloroethane	10.733	97	81374	45.663	ug/l	95
56) Ethyl methacrylate	10.598	69	87034	47.121	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	125743	45.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	146654	211.213	ug/l	99
59) 2-Hexanone	10.922	43	174079	230.387	ug/l	94
60) Dibromochloromethane	11.075	129	99884	46.475	ug/l	98
61) 1,2-Dibromoethane	11.181	107	72576	45.797	ug/l	98
64) Tetrachloroethene	10.810	164	74588	45.967	ug/l	94
65) Chlorobenzene	11.604	112	259606	45.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	104451	46.415	ug/l	95
67) Ethyl Benzene	11.686	91	452869	47.069	ug/l	98
68) m/p-Xylenes	11.792	106	354522	94.873	ug/l	93
69) o-Xylene	12.122	106	167938	46.862	ug/l	92
70) Styrene	12.133	104	312781	48.959	ug/l	99
71) Bromoform	12.298	173	56179	45.031	ug/l #	98
73) Isopropylbenzene	12.422	105	456516	47.108	ug/l	96
74) N-amyl acetate	12.233	43	88428	45.800	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	96110	45.009	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	110199	76.280	ug/l #	100
77) Bromobenzene	12.698	156	107234	45.476	ug/l	91
78) n-propylbenzene	12.763	91	558983	47.418	ug/l	95
79) 2-Chlorotoluene	12.851	91	303087	46.765	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	372710	47.383	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	27890	45.357	ug/l	98
82) 4-Chlorotoluene	12.945	91	320569	47.259	ug/l	96
83) tert-Butylbenzene	13.169	119	337196	46.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	377069	47.045	ug/l	97
85) sec-Butylbenzene	13.345	105	503842	46.240	ug/l	96
86) p-Isopropyltoluene	13.463	119	423687	47.078	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	225163	46.033	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	222456	45.618	ug/l	98
89) n-Butylbenzene	13.786	91	399422	46.593	ug/l	98
90) Hexachloroethane	14.051	117	79877	43.922	ug/l	90
91) 1,2-Dichlorobenzene	13.833	146	199448	45.863	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12450	42.882	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	121564	45.196	ug/l	96
94) Hexachlorobutadiene	15.204	225	58121	43.194	ug/l	97
95) Naphthalene	15.333	128	248790	45.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	110593	46.117	ug/l	99

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ClientSampleId :
VSTDICCC050

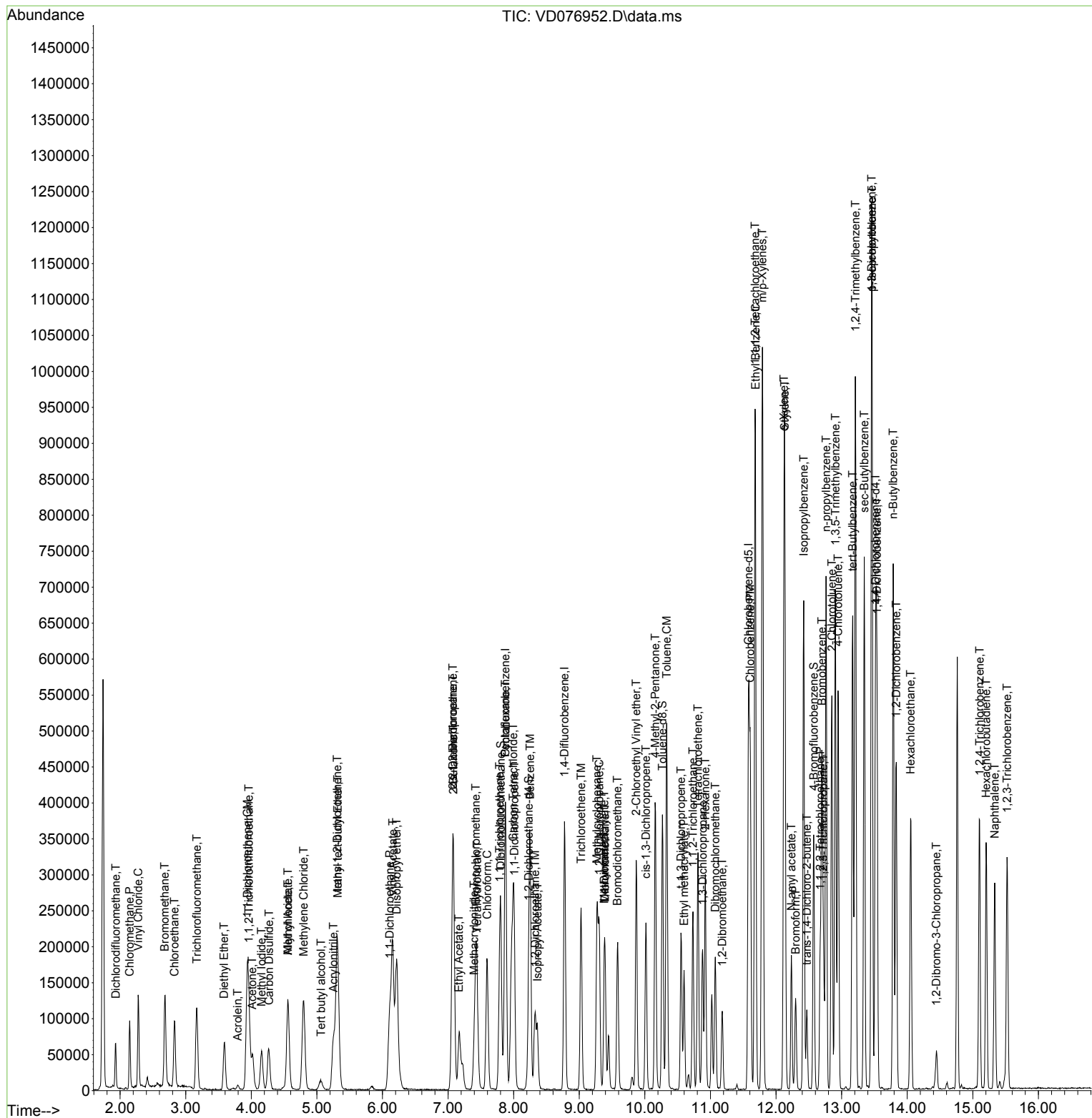
Quant Time: Aug 09 05:41:20 2023
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QLast Update : Wed Aug 09 05:34:08 2023
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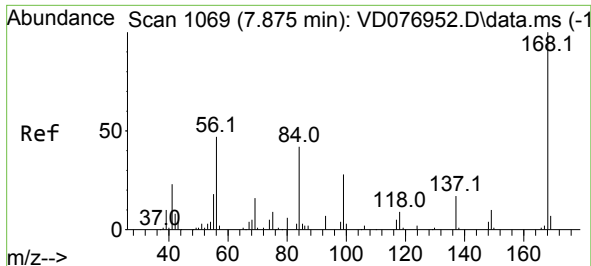
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
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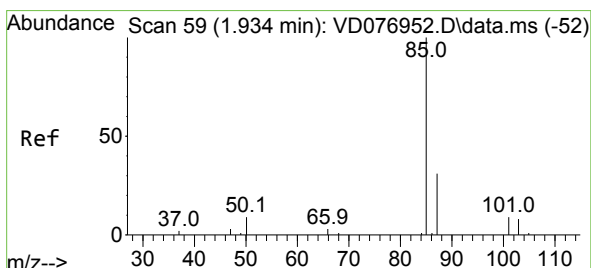
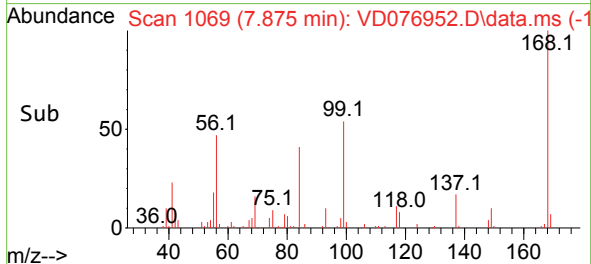
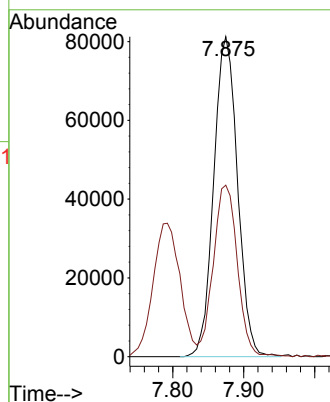
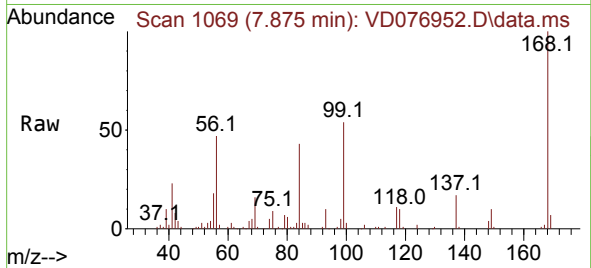




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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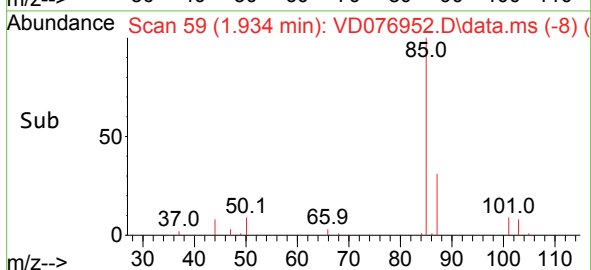
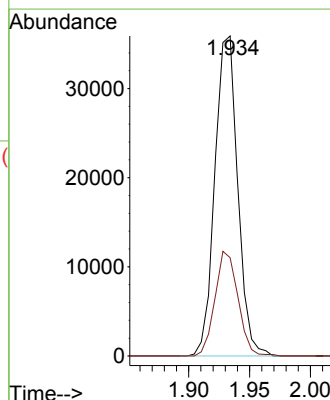
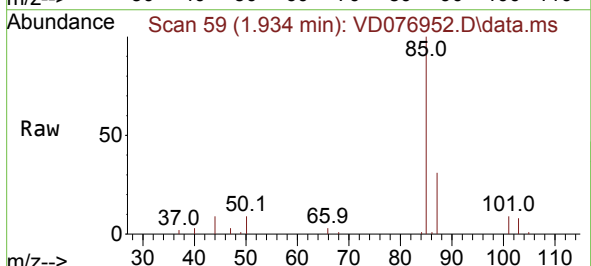
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

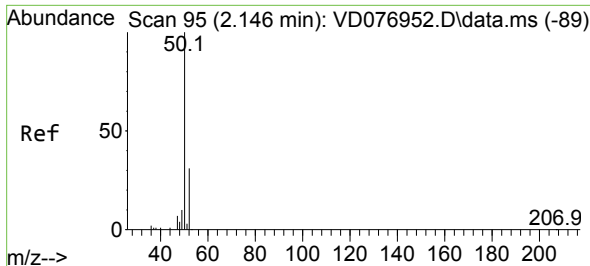
Tgt Ion:168 Resp: 188769
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 48.004 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 85 Resp: 46961
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0

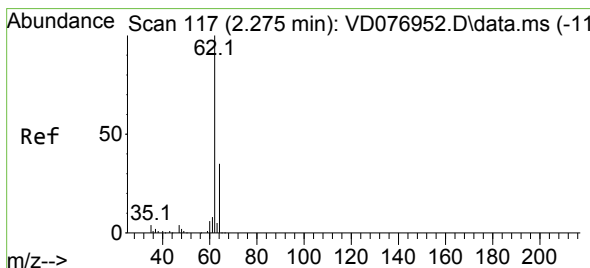
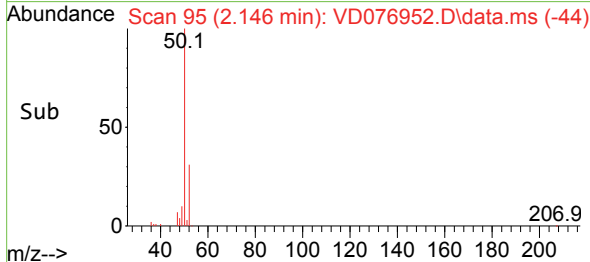
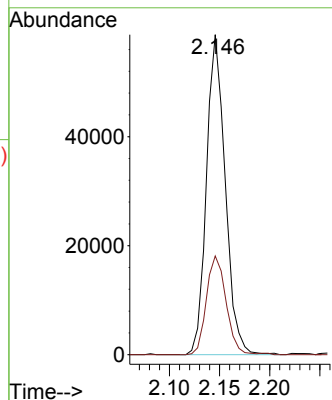
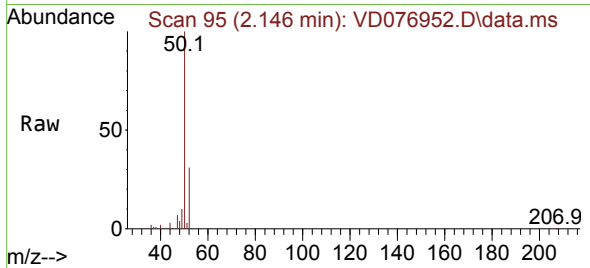




#3
Chloromethane
Concen: 47.891 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

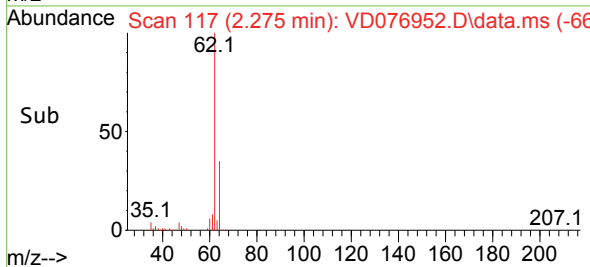
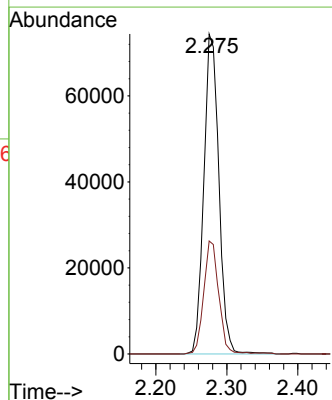
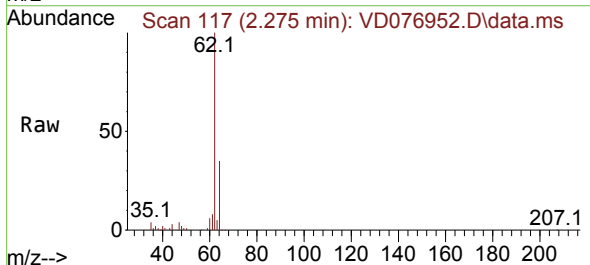
Instrument :
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ClientSampleId :
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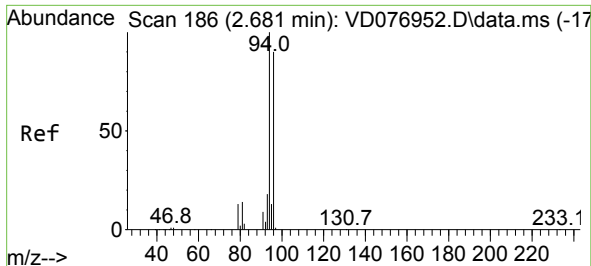
Tgt Ion: 50 Resp: 76688
Ion Ratio Lower Upper
50 100
52 30.9 26.6 40.0



#4
Vinyl Chloride
Concen: 46.597 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 62 Resp: 109948
Ion Ratio Lower Upper
62 100
64 35.3 26.0 39.0

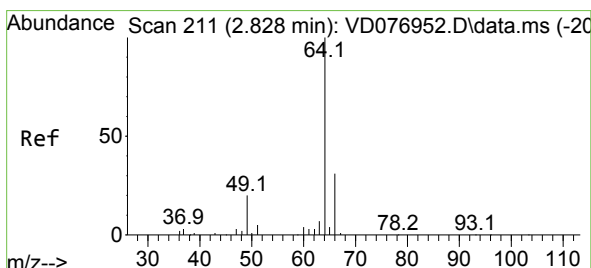
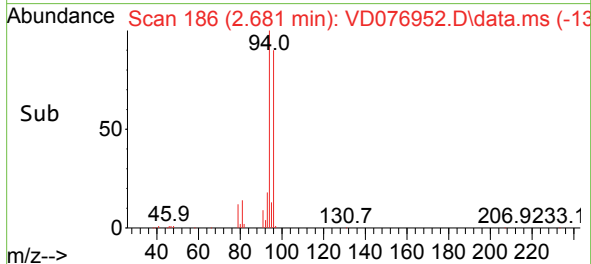
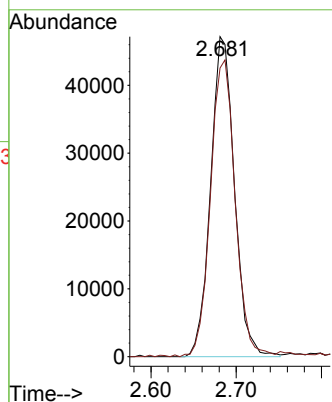
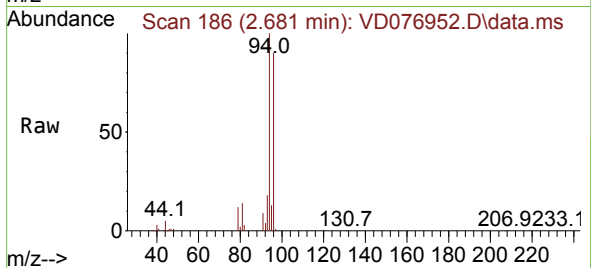




#5
Bromomethane
Concen: 43.004 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

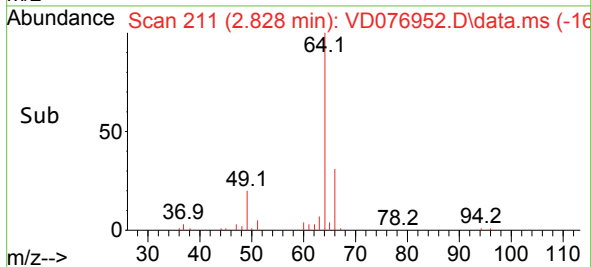
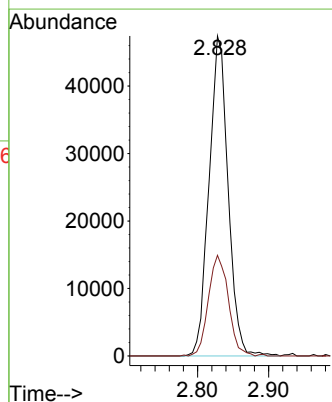
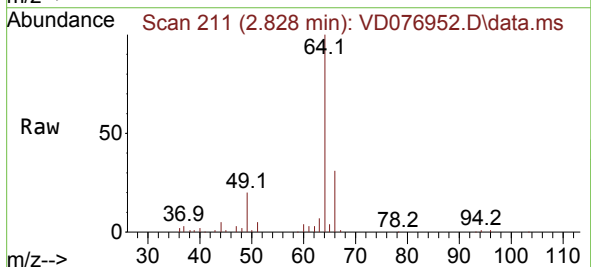
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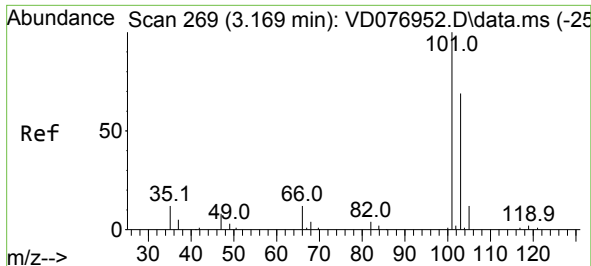
Tgt Ion: 94 Resp: 91775
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8



#6
Chloroethane
Concen: 45.720 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 64 Resp: 88629
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

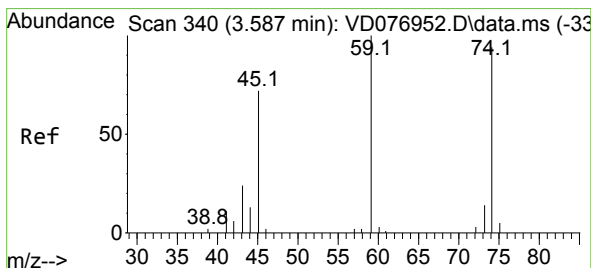
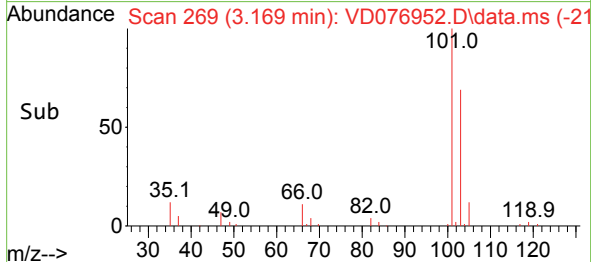
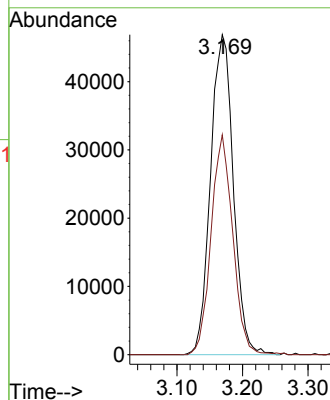
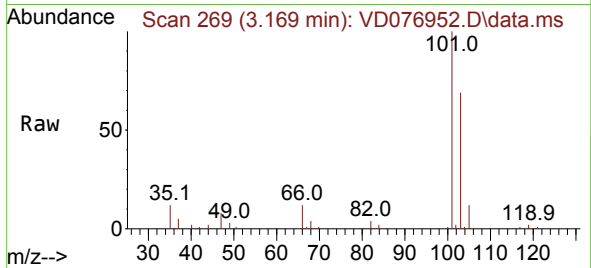




#7
 Trichlorofluoromethane
 Concen: 44.002 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

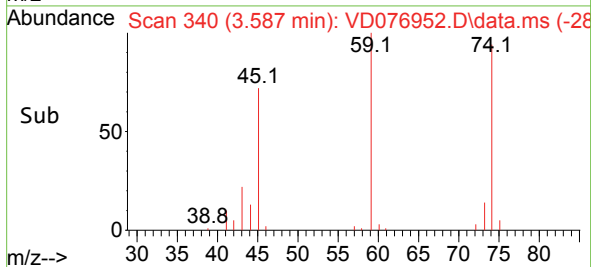
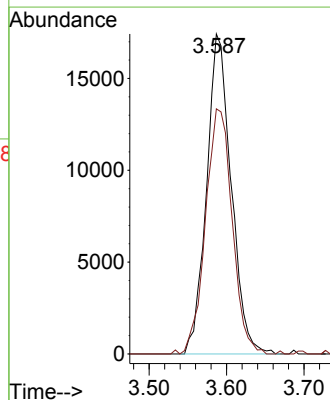
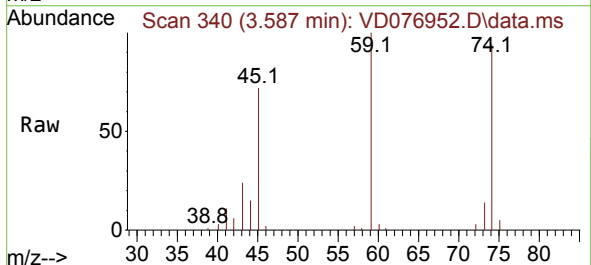
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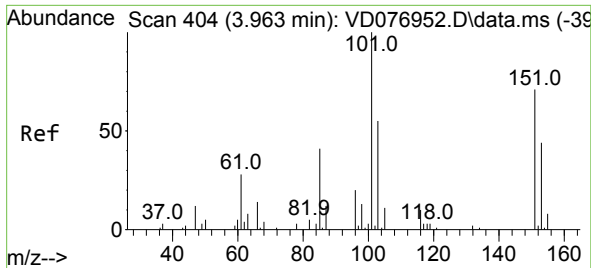
Tgt Ion:101 Resp: 113103
 Ion Ratio Lower Upper
 101 100
 103 68.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 46.560 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076952.D
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Tgt Ion: 74 Resp: 38509
 Ion Ratio Lower Upper
 74 100
 45 83.0 37.5 112.7

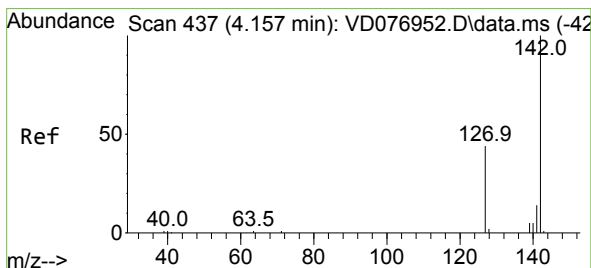
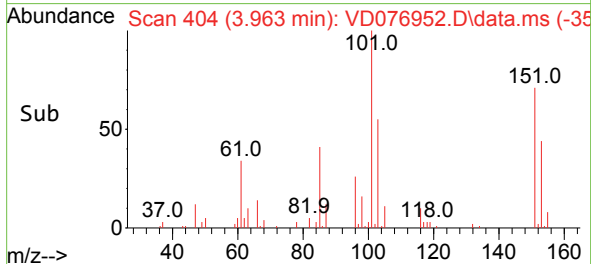
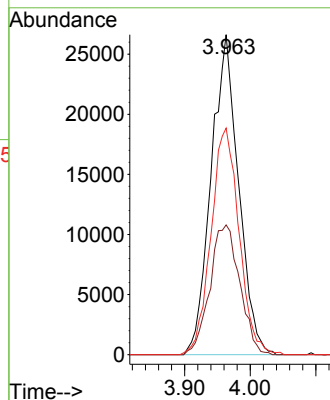
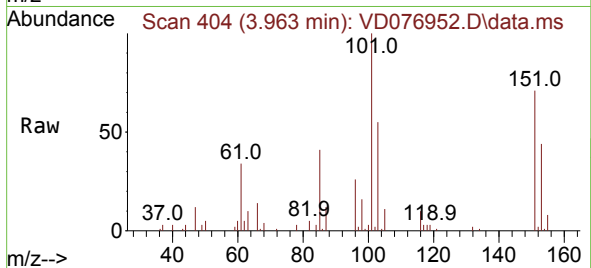




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.905 ug/l
 RT: 3.963 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

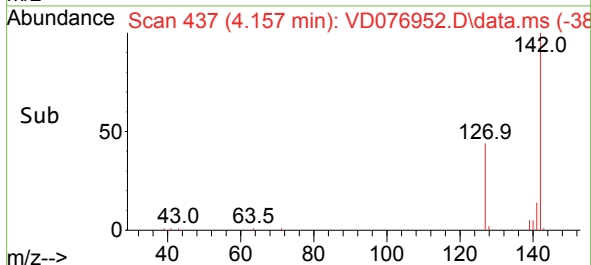
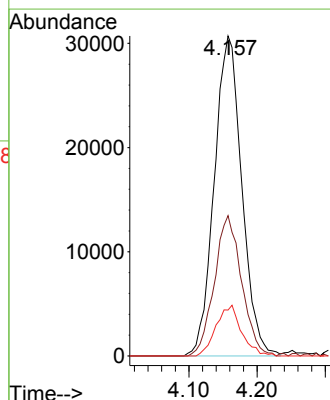
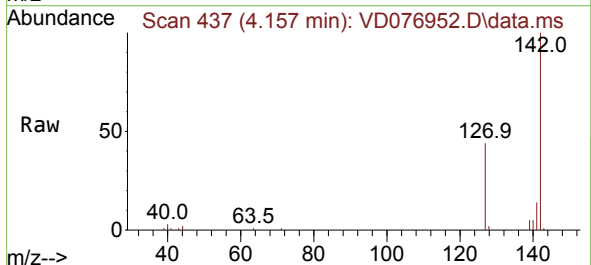
Instrument :
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 ClientSampleId :
 VSTDICCC050

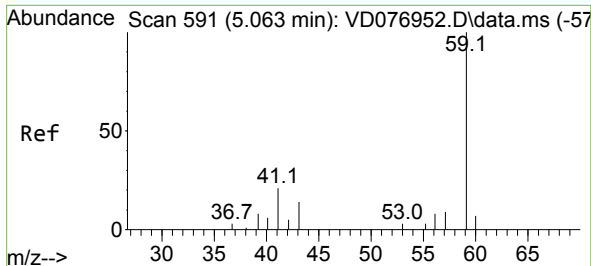
Tgt Ion:101 Resp: 77284
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.8 50.6
 151 72.5 59.8 89.6



#10
 Methyl Iodide
 Concen: 50.916 ug/l
 RT: 4.157 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion:142 Resp: 86315
 Ion Ratio Lower Upper
 142 100
 127 43.3 29.4 44.0
 141 14.7 11.1 16.7

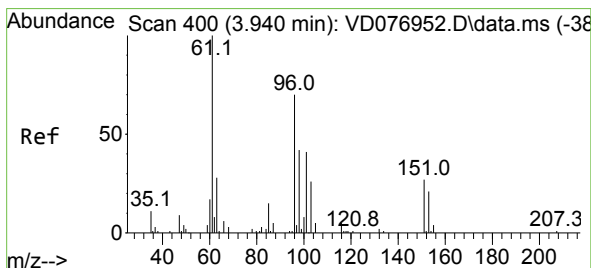
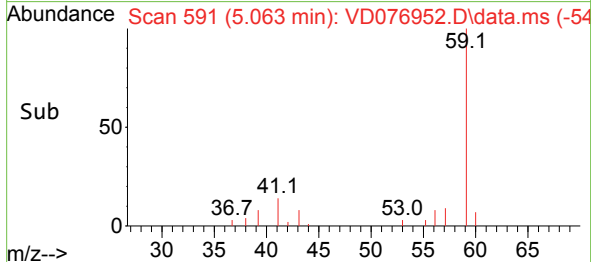
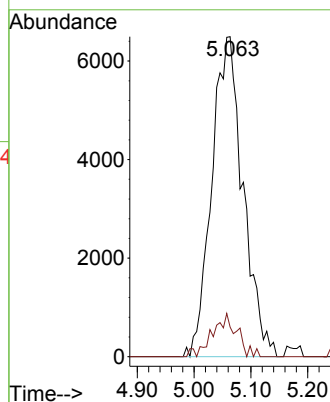
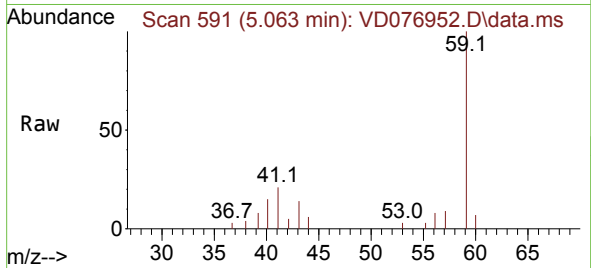




#11
Tert butyl alcohol
Concen: 250.292 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

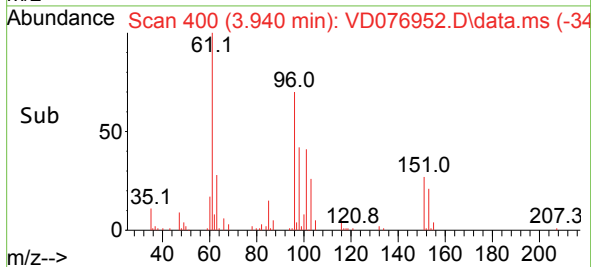
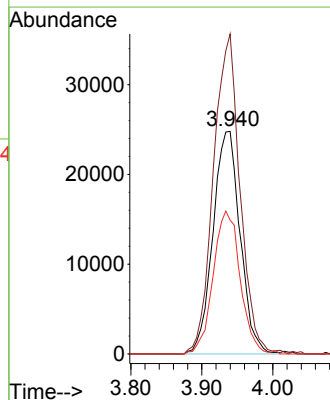
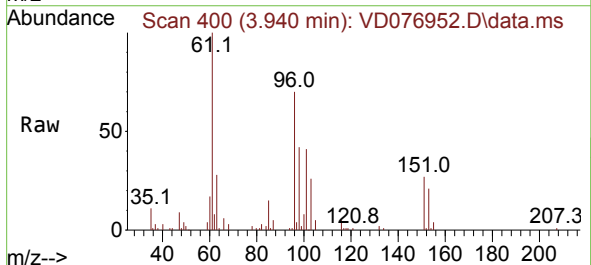
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

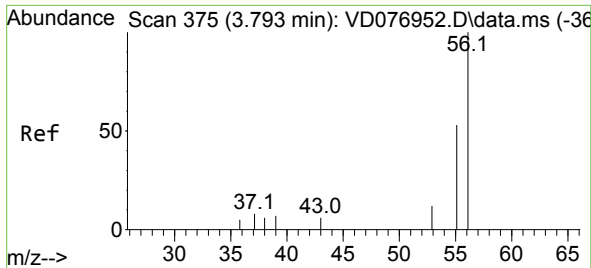
Tgt Ion: 59 Resp: 24838
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 45.537 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 96 Resp: 65787
Ion Ratio Lower Upper
96 100
61 143.8 100.6 150.8
98 60.1 50.2 75.2

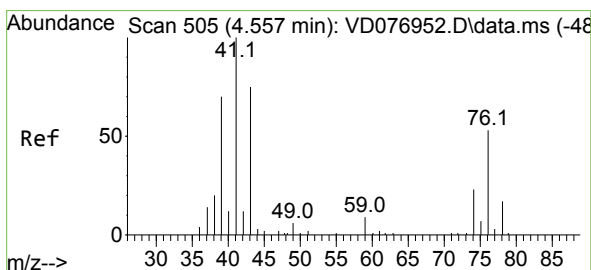
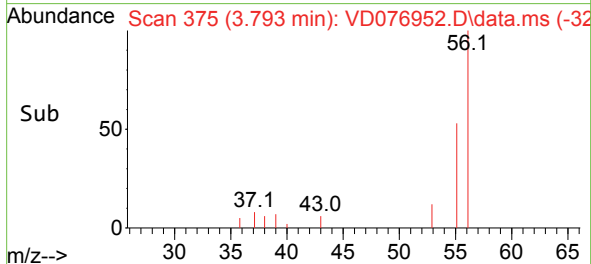
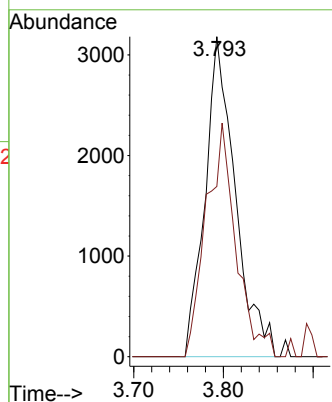
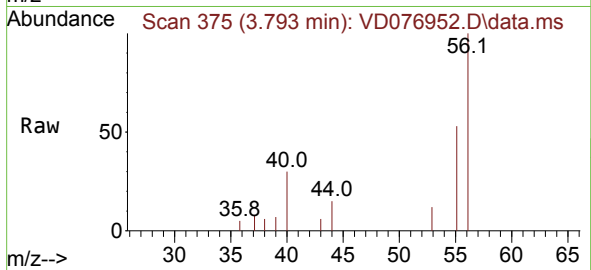




#13
Acrolein
Concen: 217.499 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

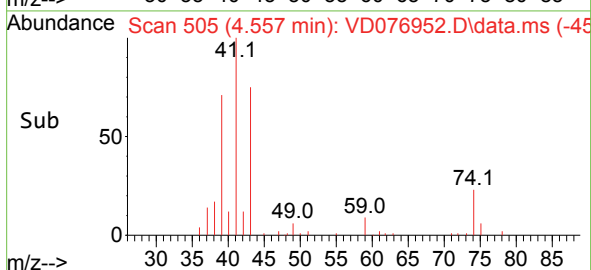
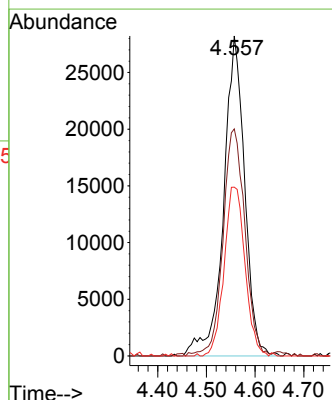
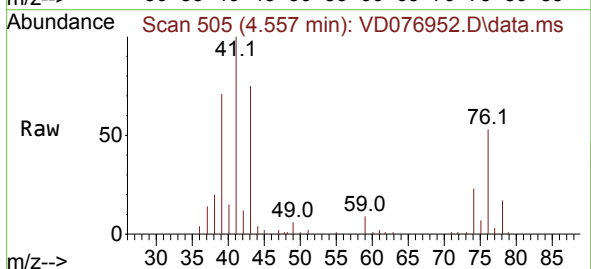
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

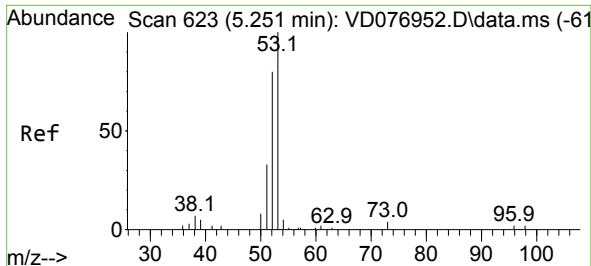
Tgt Ion: 56 Resp: 7434
Ion Ratio Lower Upper
56 100
55 72.1 55.1 82.7



#14
Allyl chloride
Concen: 47.763 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 41 Resp: 84744
Ion Ratio Lower Upper
41 100
39 74.2 53.8 80.6
76 52.4 45.8 68.8

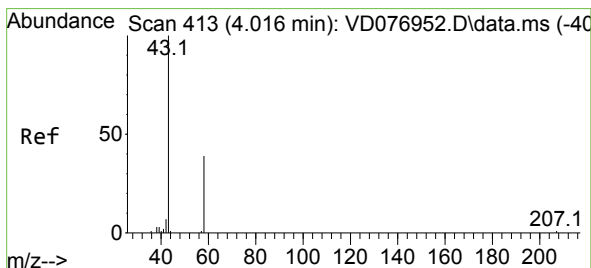
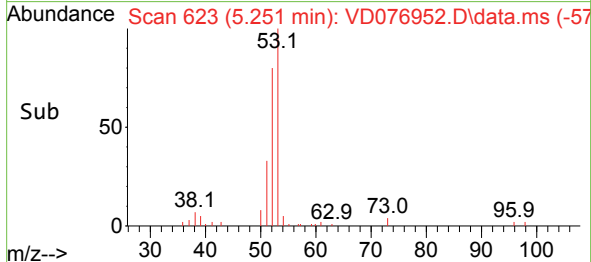
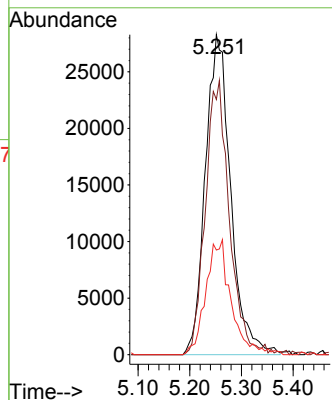
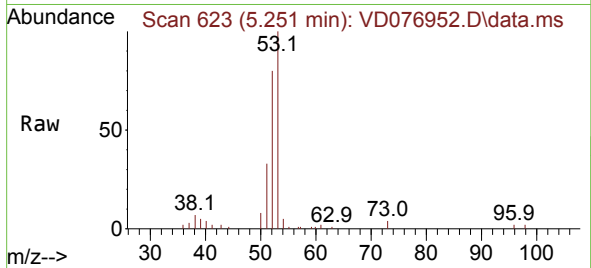




#15
Acrylonitrile
Concen: 233.984 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

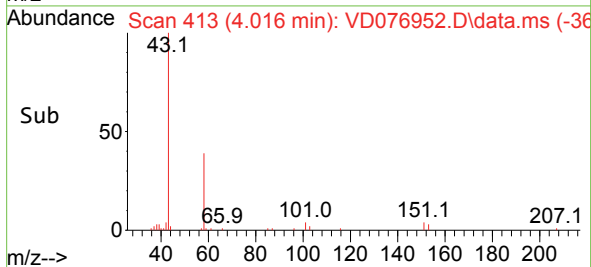
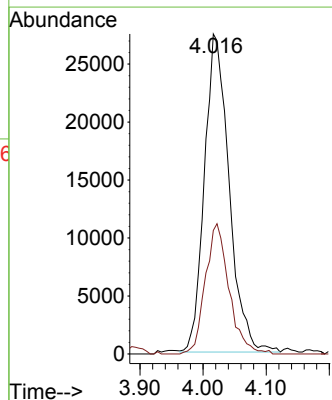
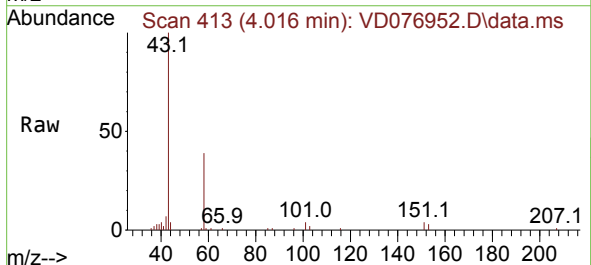
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

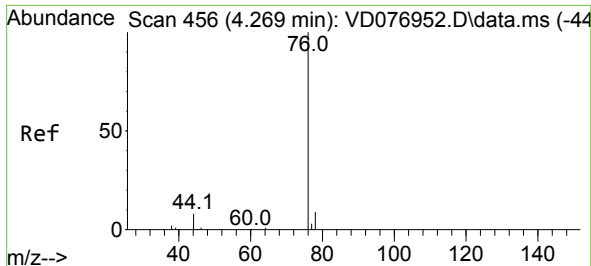
Tgt Ion:	53	Resp:	96232
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.0	97.4
51	35.9	28.3	42.5



#16
Acetone
Concen: 238.558 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion:	43	Resp:	74563
Ion	Ratio	Lower	Upper
43	100		
58	38.8	34.7	52.1

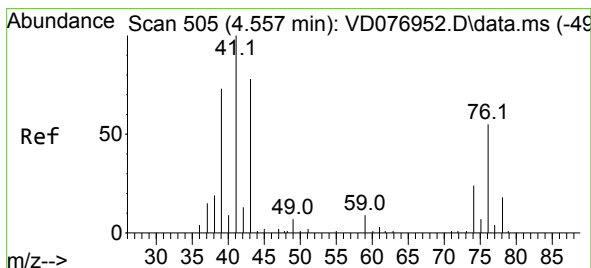
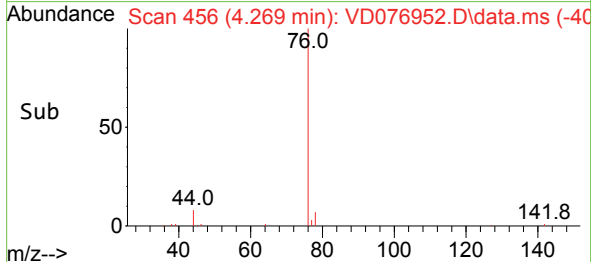
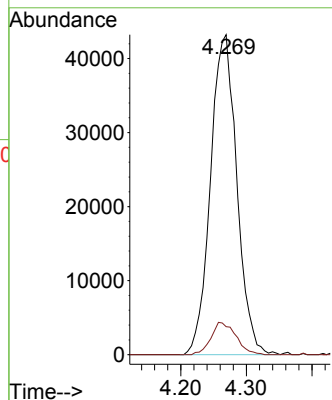
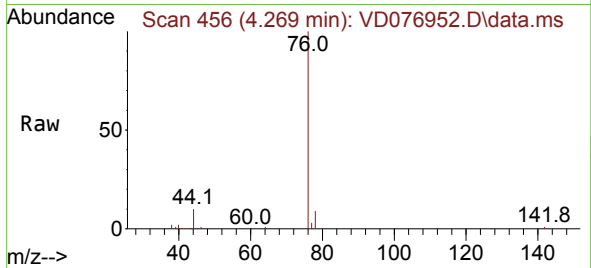




#17
Carbon Disulfide
Concen: 49.314 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

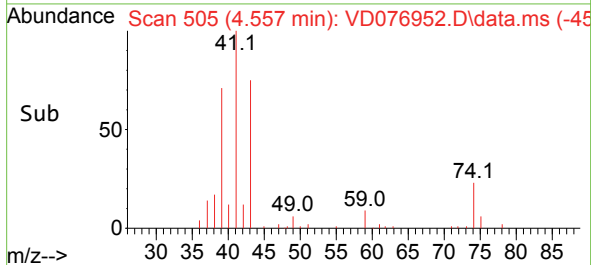
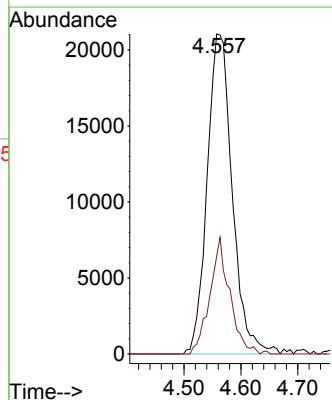
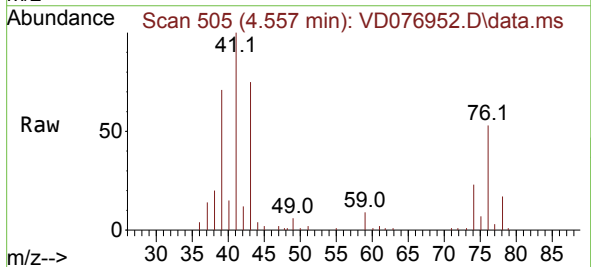
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

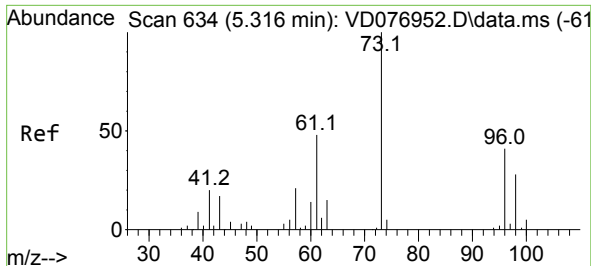
Tgt Ion: 76 Resp: 120598
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 46.465 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 43 Resp: 64610
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6

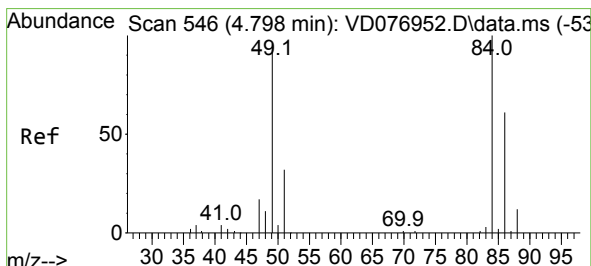
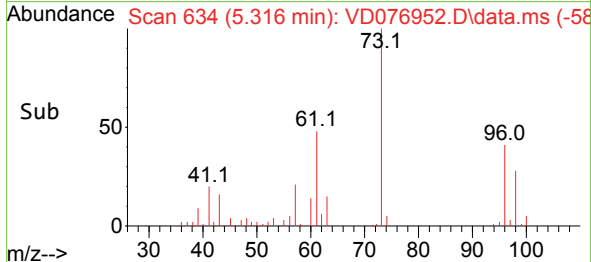
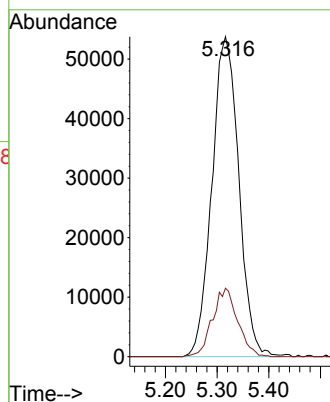
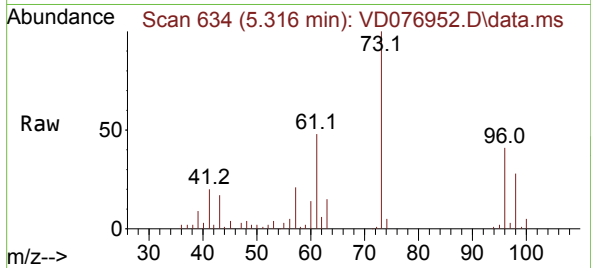




#19
Methyl tert-butyl Ether
Concen: 47.600 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

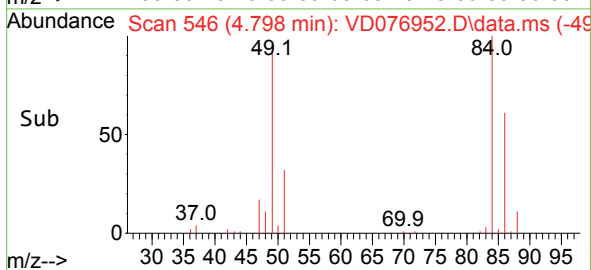
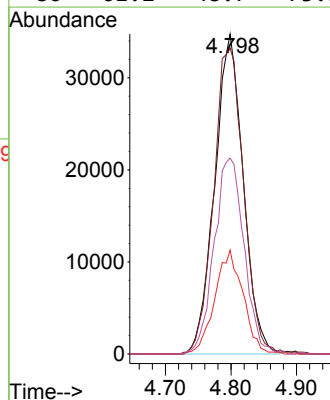
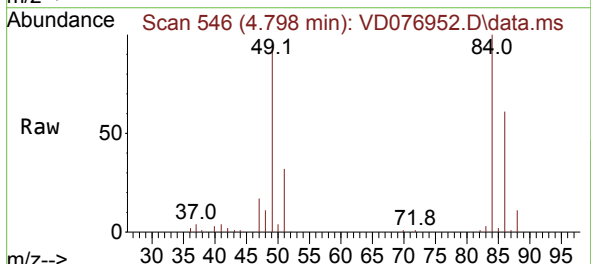
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

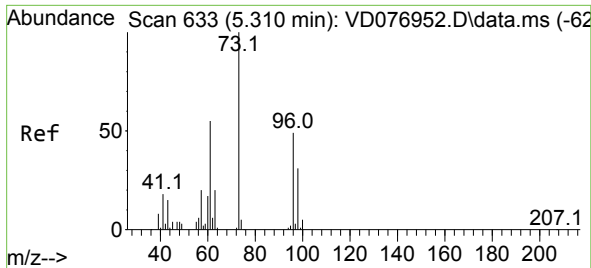
Tgt Ion: 73 Resp: 194110
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 48.523 ug/l
RT: 4.798 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 84 Resp: 105032
Ion Ratio Lower Upper
84 100
49 95.5 71.4 107.2
51 32.4 24.5 36.7
86 61.2 48.7 73.1

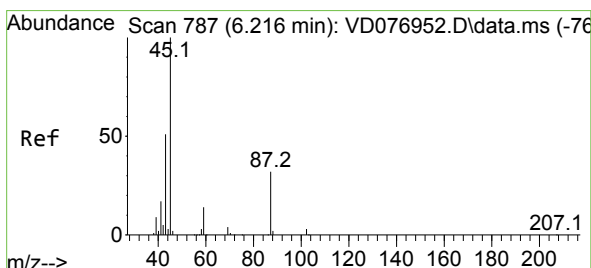
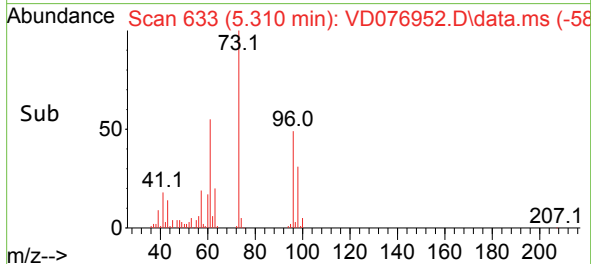
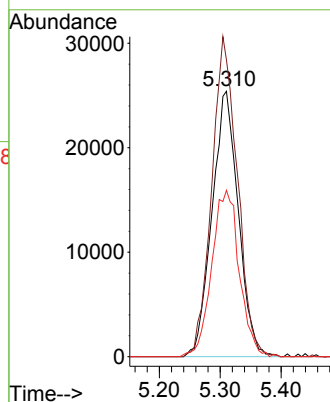
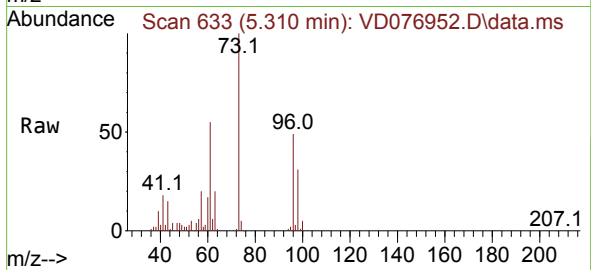




#21
trans-1,2-Dichloroethene
Concen: 46.149 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

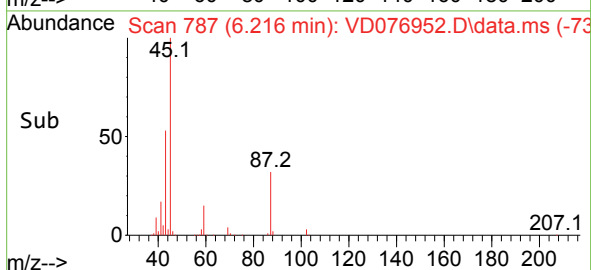
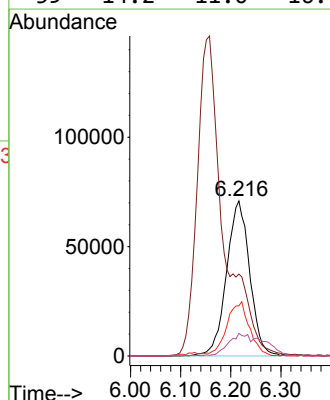
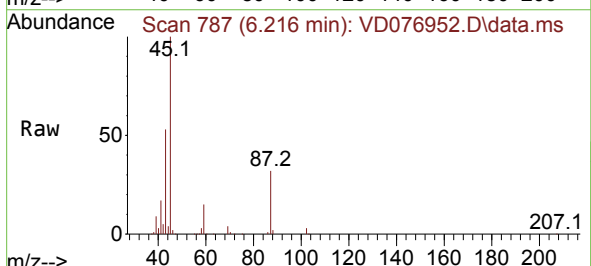
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

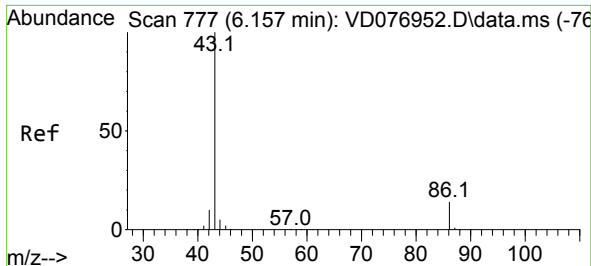
Tgt Ion: 96 Resp: 76156
Ion Ratio Lower Upper
96 100
61 111.8 89.3 133.9
98 62.7 48.6 73.0



#22
Diisopropyl ether
Concen: 49.129 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 45 Resp: 227713
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 32.4 28.2 42.4
59 14.2 11.0 16.4

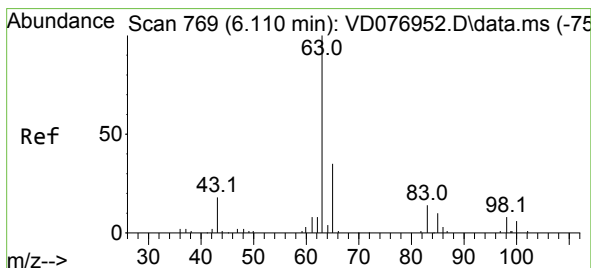
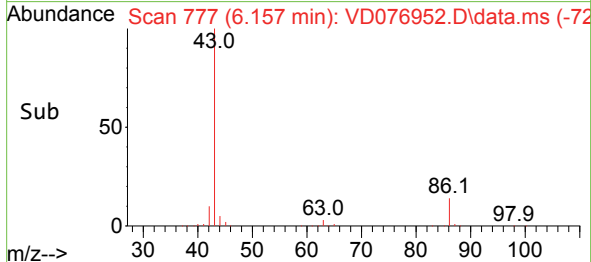
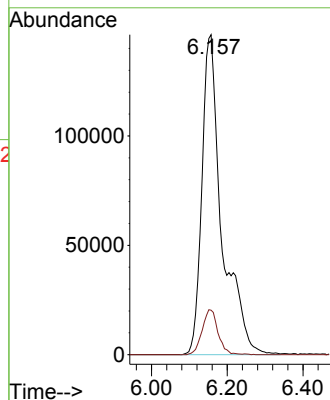
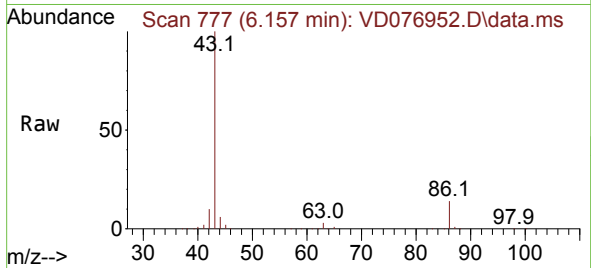




#23
 Vinyl Acetate
 Concen: 247.143 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

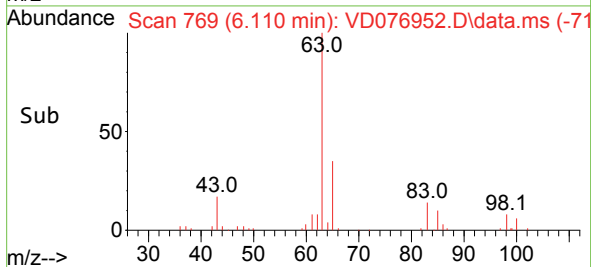
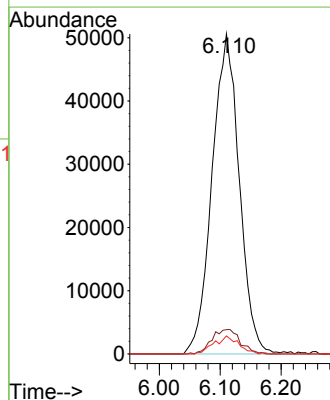
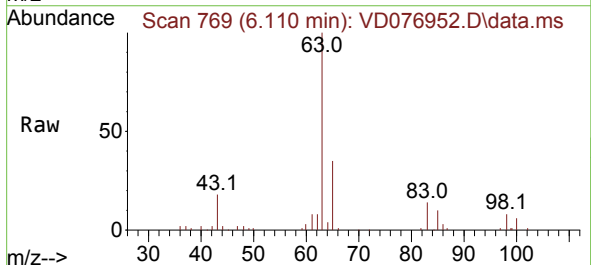
Instrument :
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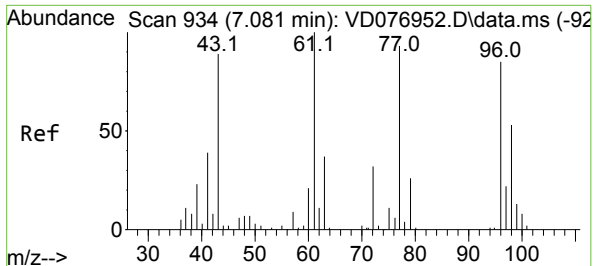
Tgt Ion: 43 Resp: 537249
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.243 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion: 63 Resp: 156514
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 5.7 2.5 7.5





#25

2-Butanone

Concen: 222.364 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

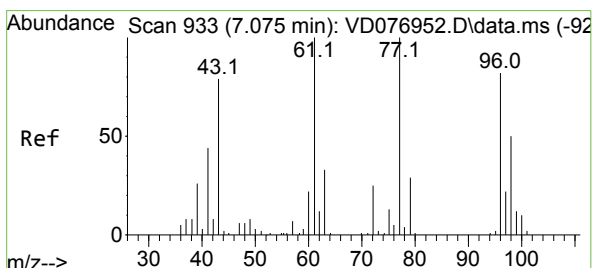
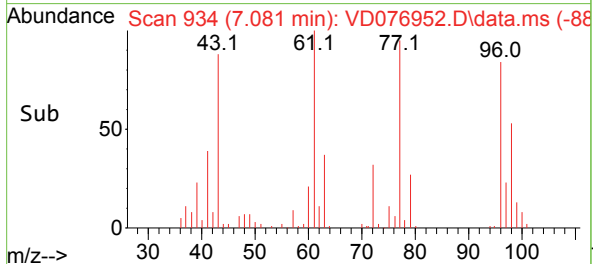
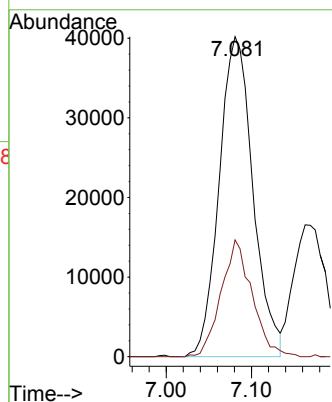
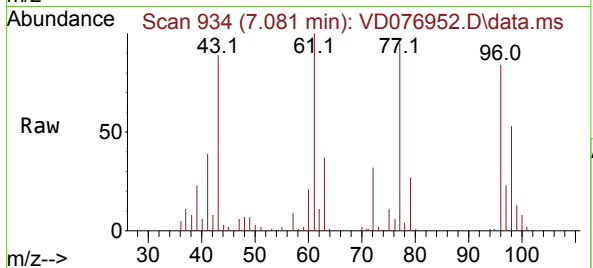
VSTDICCC050

Tgt Ion: 43 Resp: 110759

Ion Ratio Lower Upper

43 100

72 36.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 44.453 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076952.D

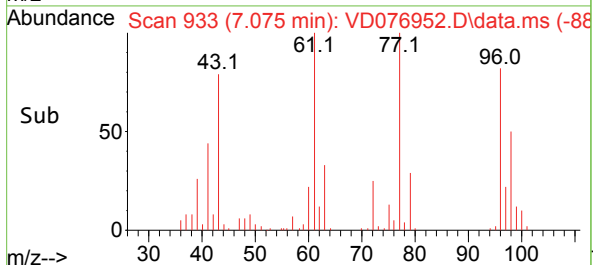
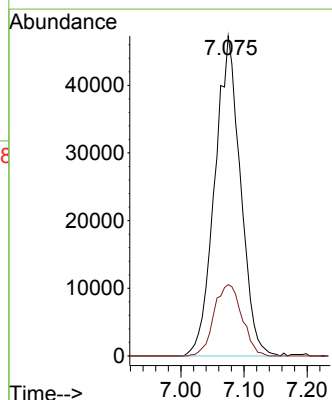
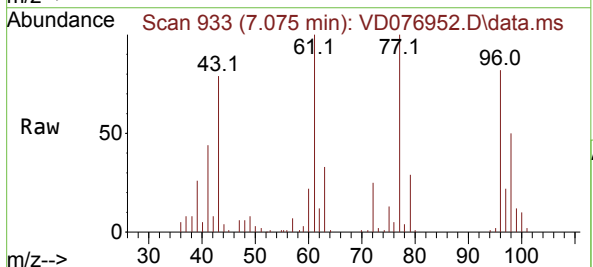
Acq: 08 Aug 2023 14:02

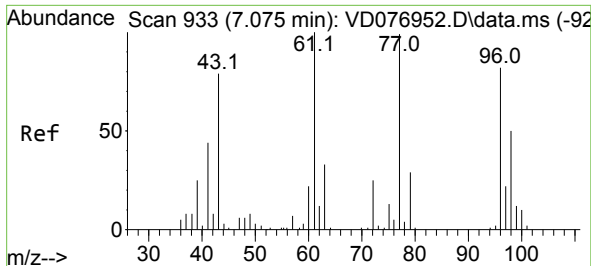
Tgt Ion: 77 Resp: 133713

Ion Ratio Lower Upper

77 100

97 24.3 13.2 39.6



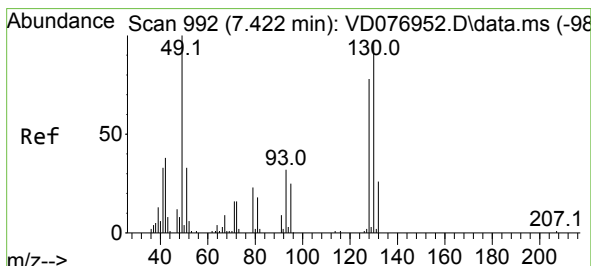
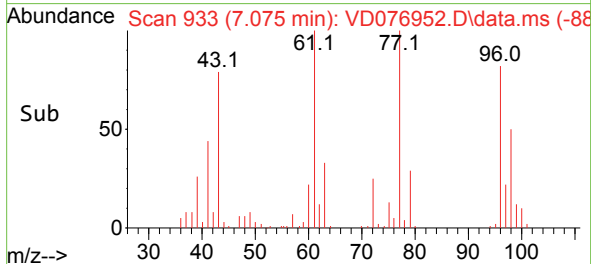
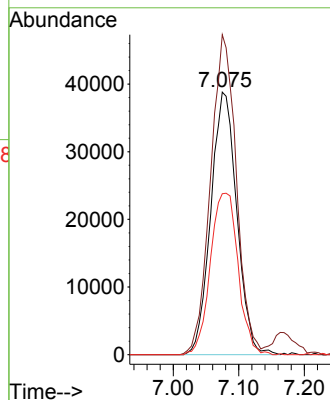
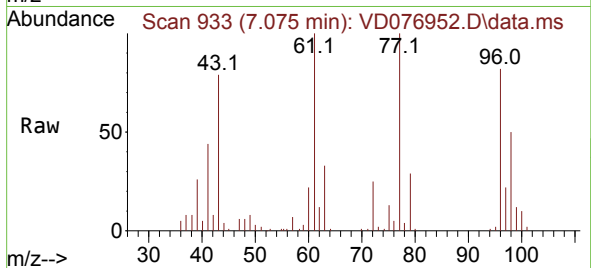


#27
 cis-1,2-Dichloroethene
 Concen: 47.151 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 106769

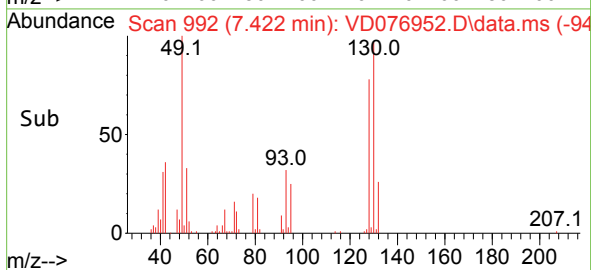
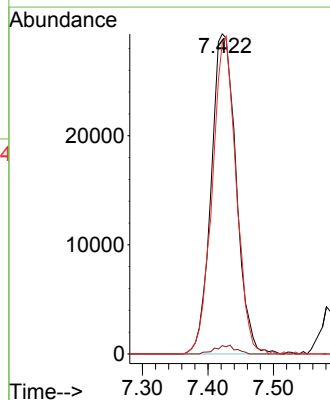
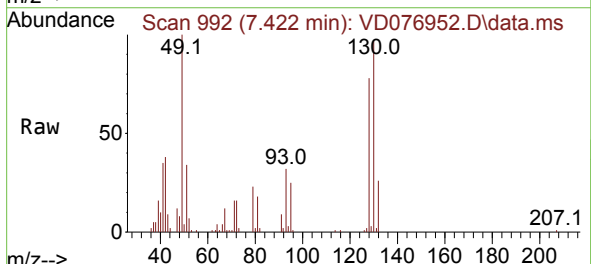
Ion	Ratio	Lower	Upper
96	100		
61	120.7	0.0	239.2
98	65.6	0.0	128.6

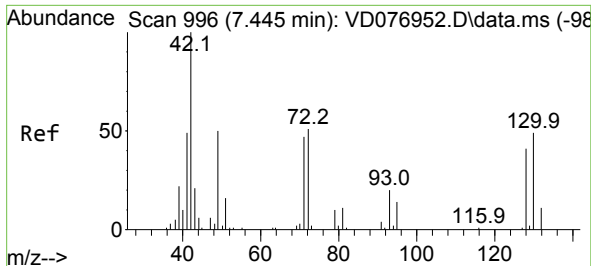


#28
 Bromochloromethane
 Concen: 48.938 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion: 49 Resp: 77486

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	94.6	83.2	124.8





#29

Tetrahydrofuran

Concen: 236.706 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

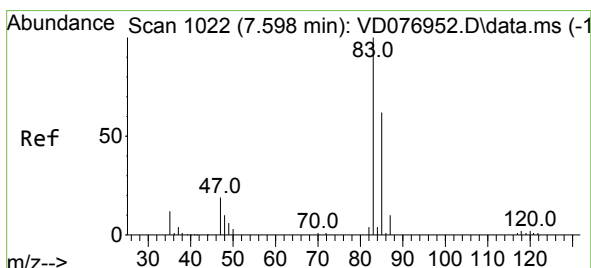
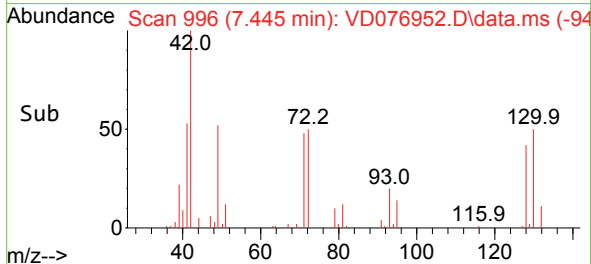
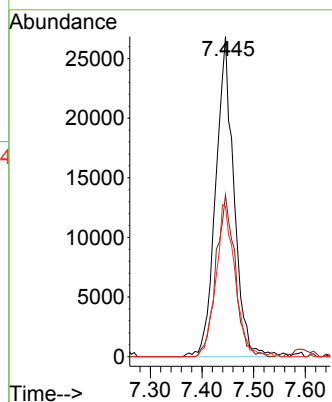
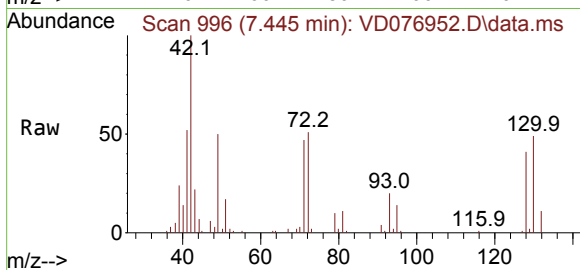
Tgt Ion: 42 Resp: 65838

Ion Ratio Lower Upper

42 100

72 52.7 46.5 69.7

71 50.4 44.5 66.7



#30

Chloroform

Concen: 47.668 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD076952.D

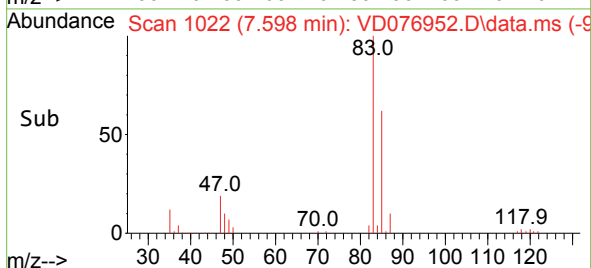
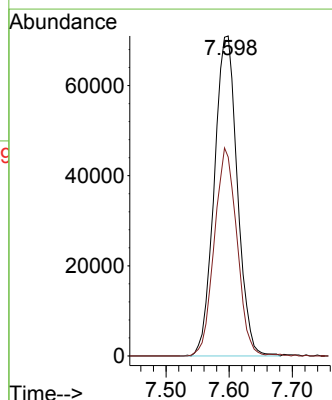
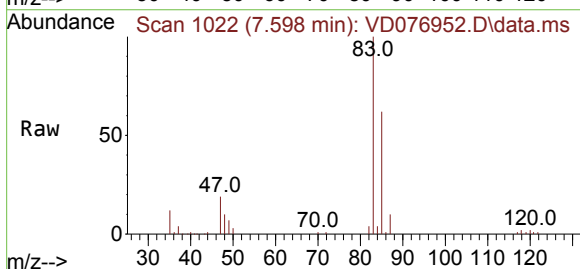
Acq: 08 Aug 2023 14:02

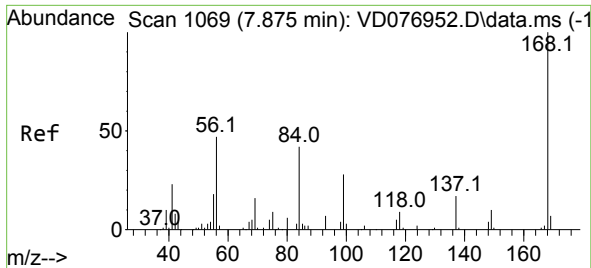
Tgt Ion: 83 Resp: 180170

Ion Ratio Lower Upper

83 100

85 62.2 53.4 80.2

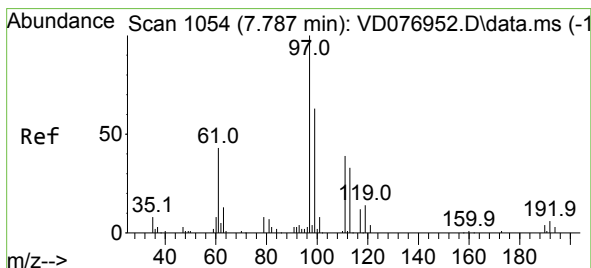
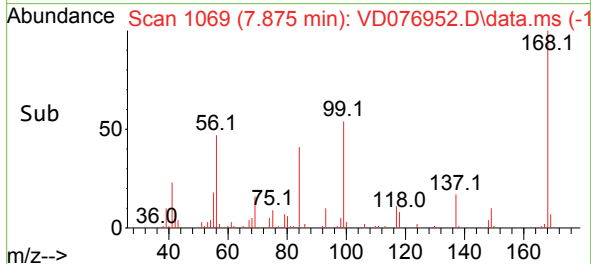
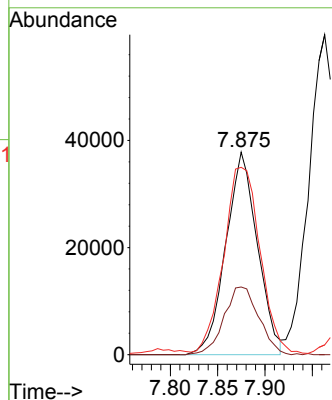
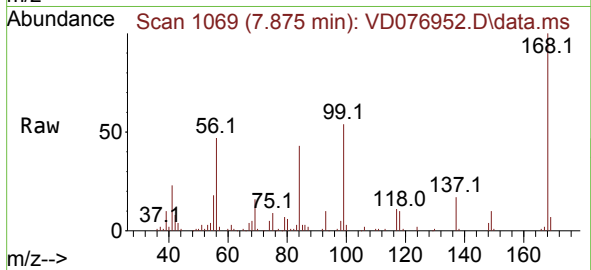




#31
Cyclohexane
Concen: 49.272 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

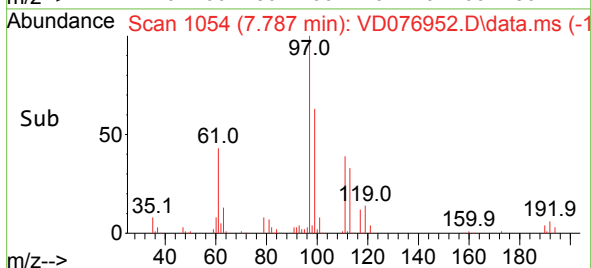
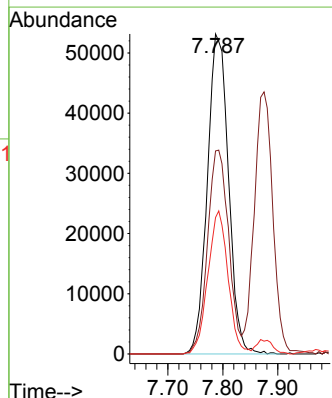
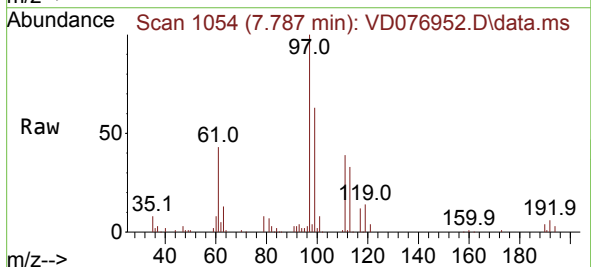
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

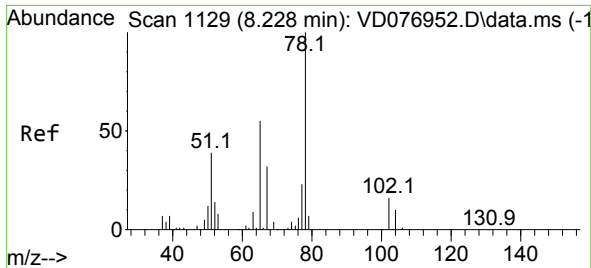
Tgt Ion: 56 Resp: 87821
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 90.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 45.783 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 97 Resp: 142017
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 42.8 33.8 50.8

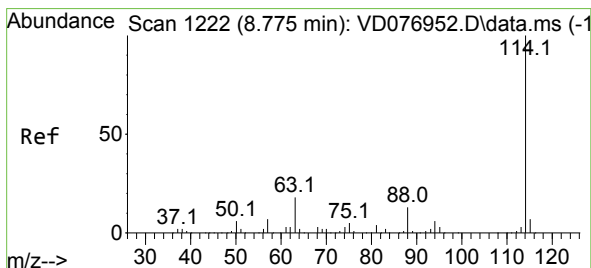
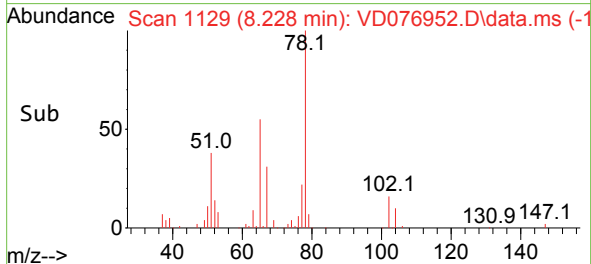
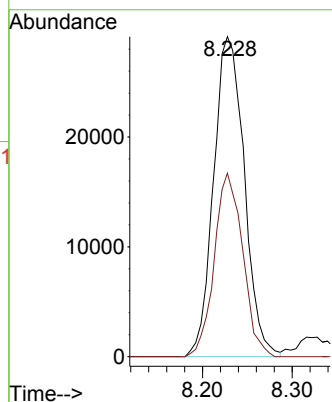
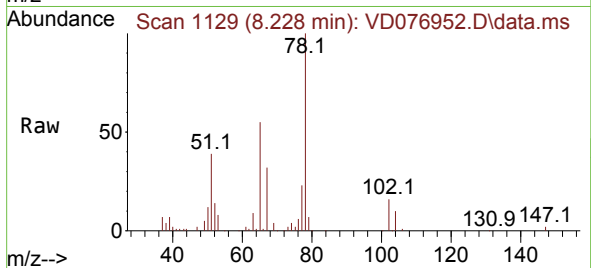




#33
 1,2-Dichloroethane-d4
 Concen: 46.431 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

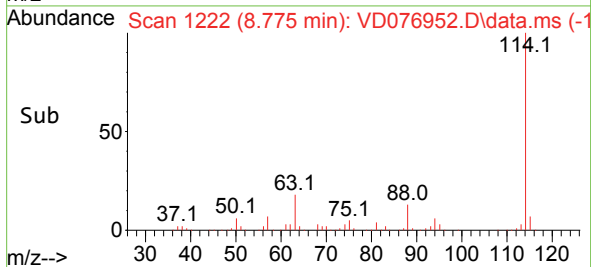
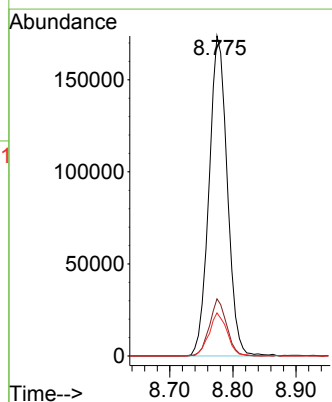
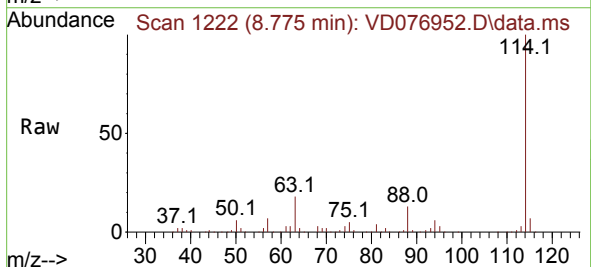
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

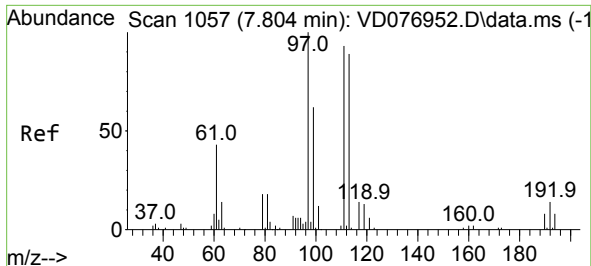
Tgt Ion: 65 Resp: 69142
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion: 114 Resp: 348844
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.4
 88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.055 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

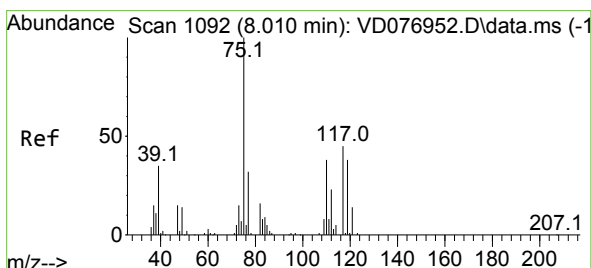
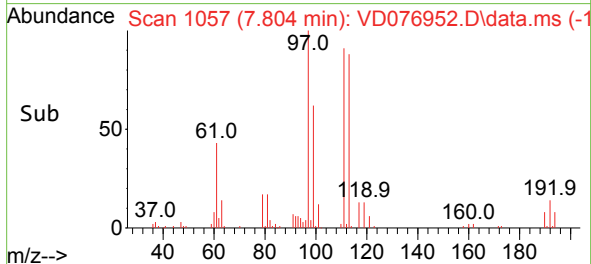
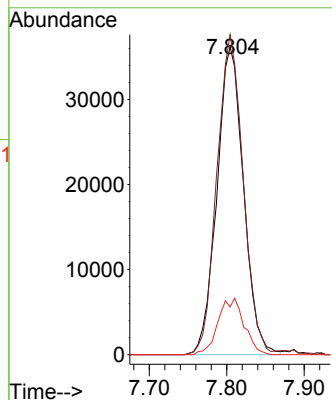
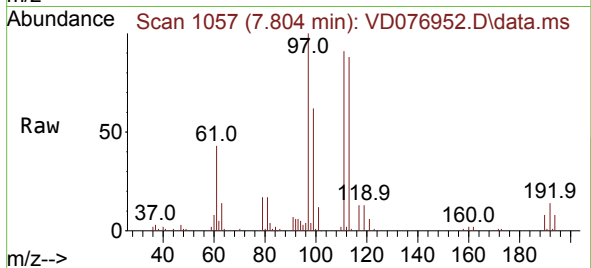
Tgt Ion:113 Resp: 86373

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 46.753 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

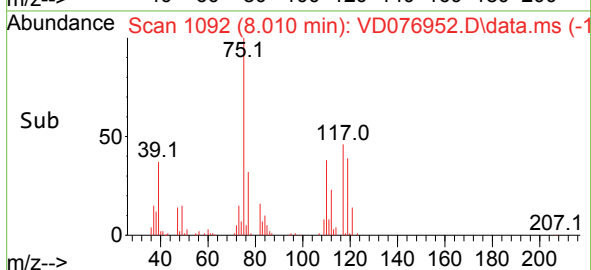
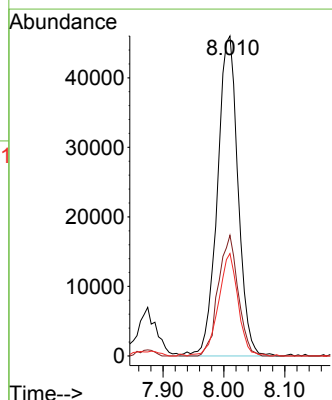
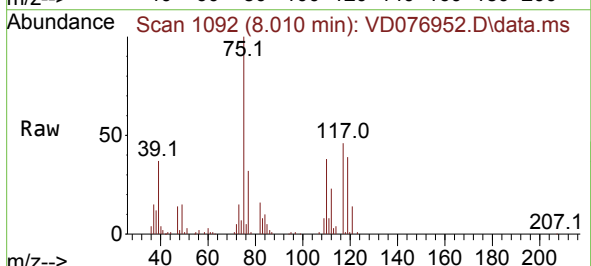
Tgt Ion: 75 Resp: 108427

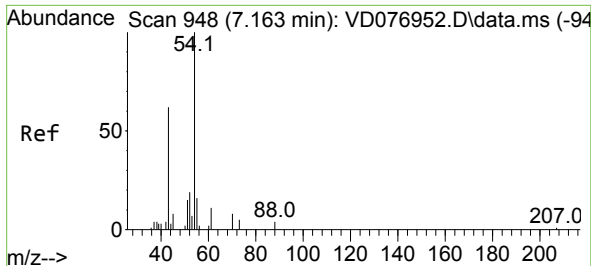
Ion Ratio Lower Upper

75 100

110 36.3 19.9 59.6

77 30.3 24.7 37.1

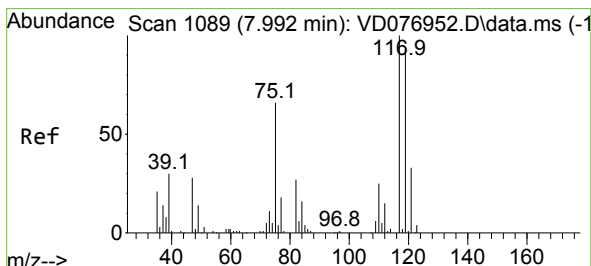
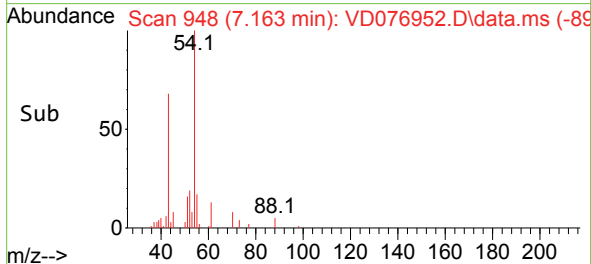
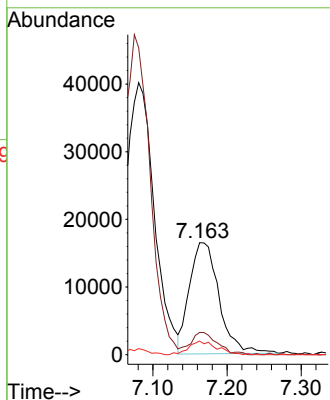
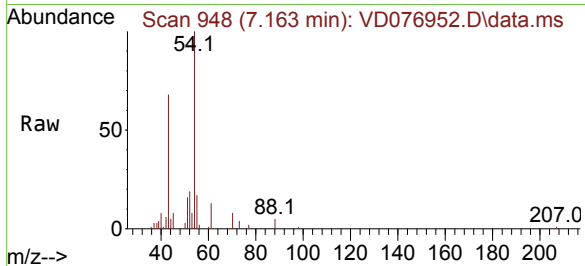




#37
Ethyl Acetate
Concen: 42.765 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

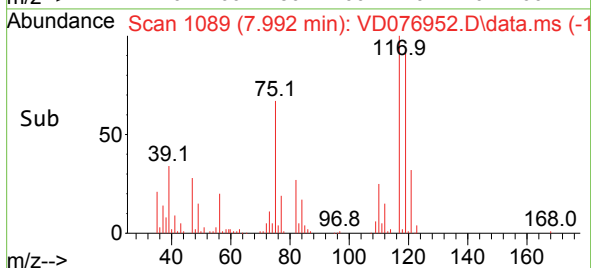
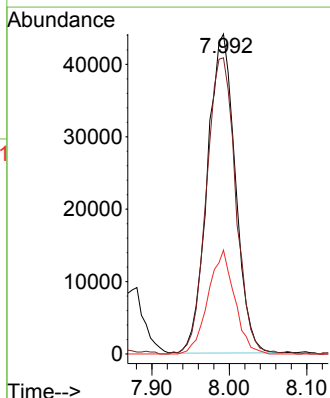
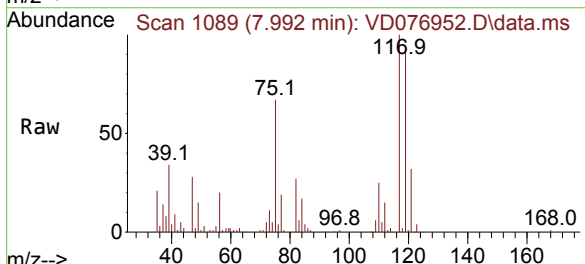
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

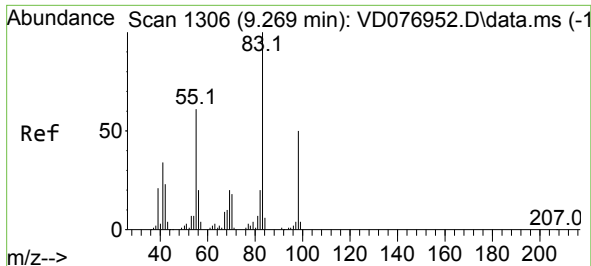
Tgt Ion: 43 Resp: 45764
Ion Ratio Lower Upper
43 100
61 17.5 14.9 22.3
70 11.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 44.547 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 117 Resp: 110572
Ion Ratio Lower Upper
117 100
119 92.5 78.0 117.0
121 32.6 24.2 36.2

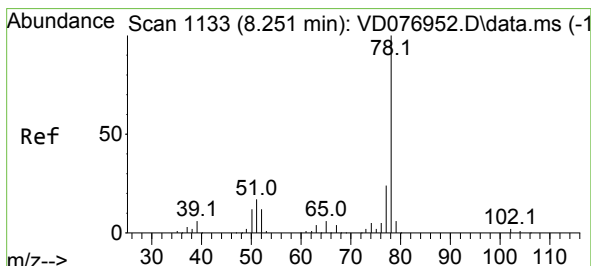
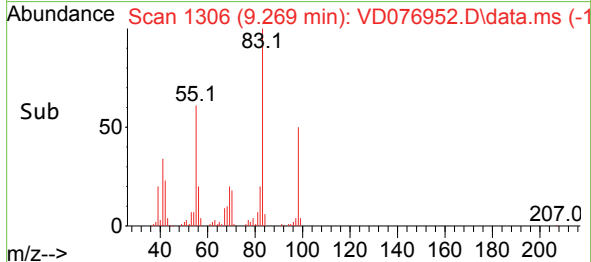
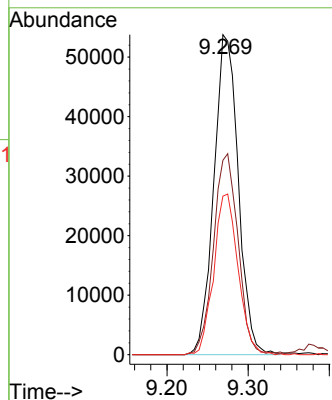
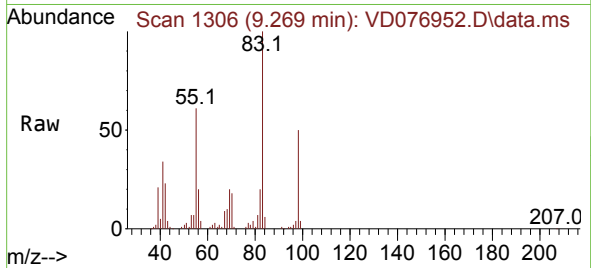




#39
Methylcyclohexane
Concen: 45.799 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

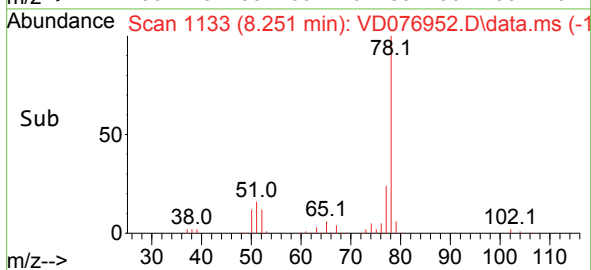
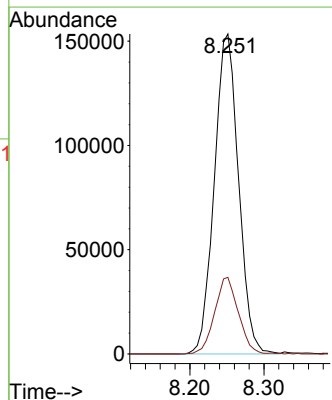
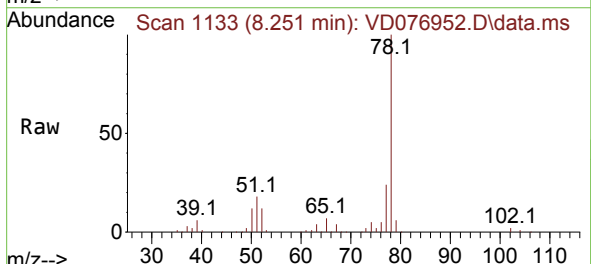
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

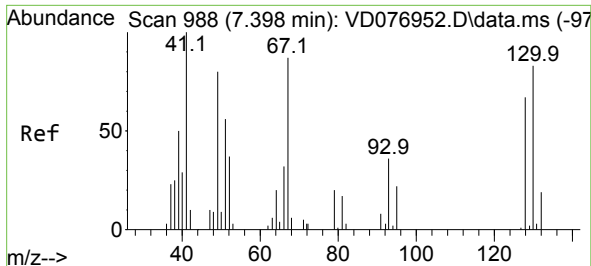
Tgt Ion: 83 Resp: 112532
Ion Ratio Lower Upper
83 100
55 60.8 49.4 74.0
98 49.6 38.4 57.6



#40
Benzene
Concen: 46.741 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 78 Resp: 348543
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

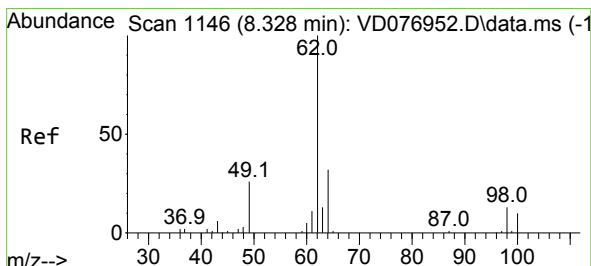
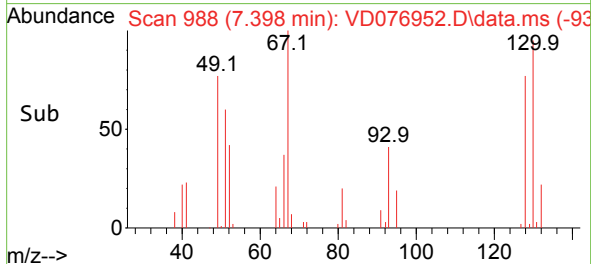
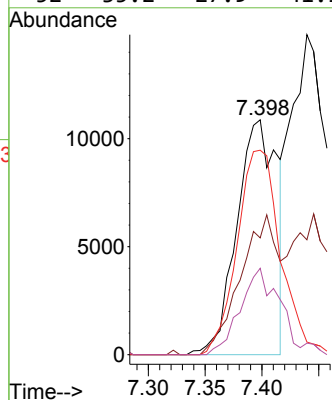
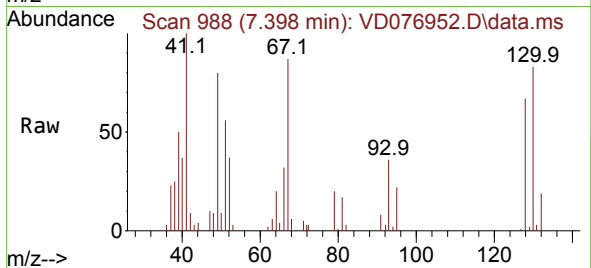




#41
Methacrylonitrile
Concen: 46.464 ug/l
RT: 7.398 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

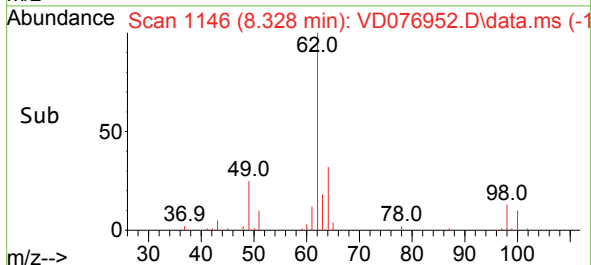
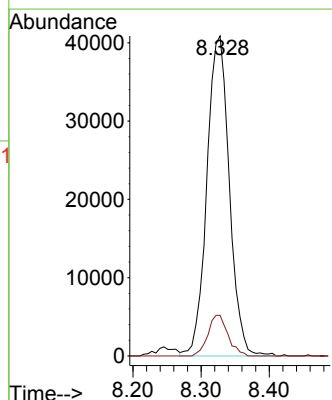
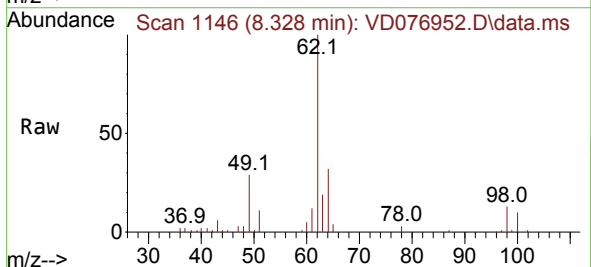
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

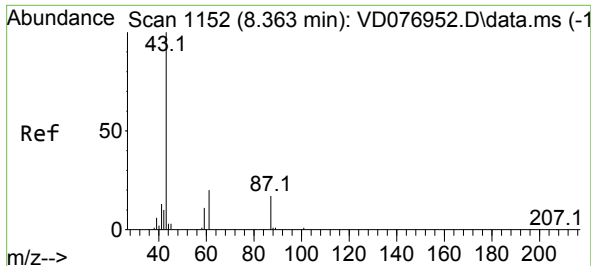
Tgt Ion: 41 Resp: 26830
Ion Ratio Lower Upper
41 100
39 54.9 34.0 51.0#
67 93.5 77.0 115.4
52 35.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 46.642 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 62 Resp: 93754
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

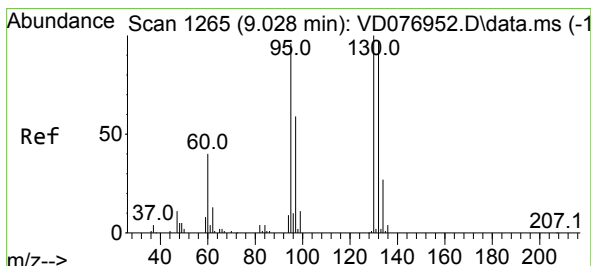
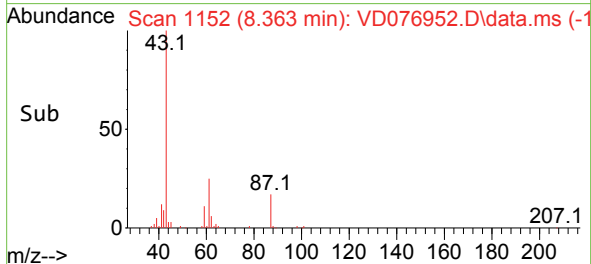
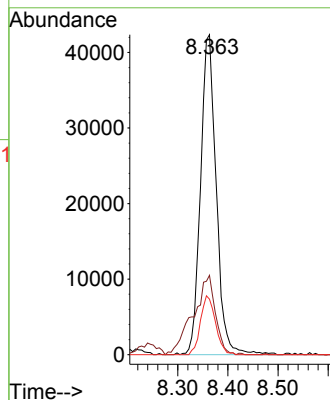
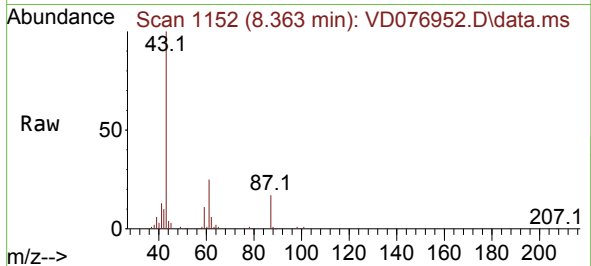




#43
Isopropyl Acetate
Concen: 45.772 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

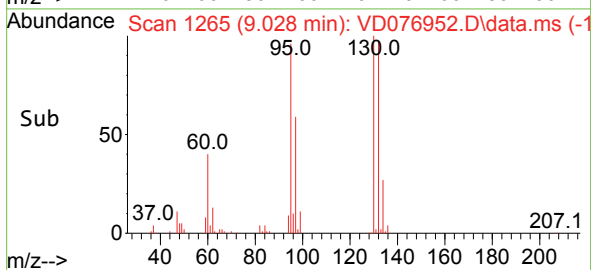
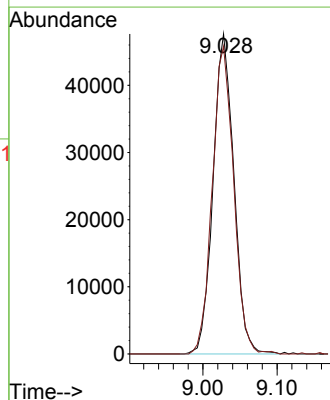
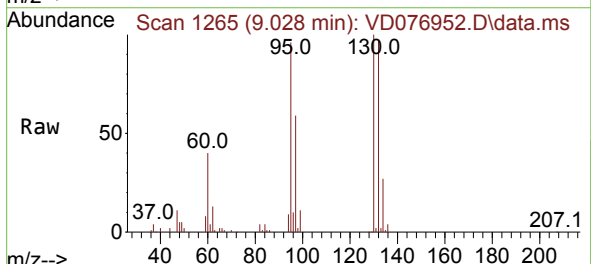
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

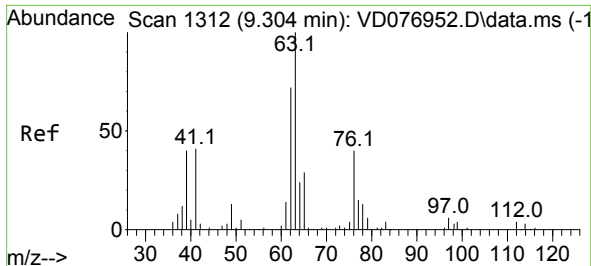
Tgt Ion: 43 Resp: 92045
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 17.6 14.9 22.3



#44
Trichloroethene
Concen: 45.068 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 130 Resp: 92784
Ion Ratio Lower Upper
130 100
95 96.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 44.667 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

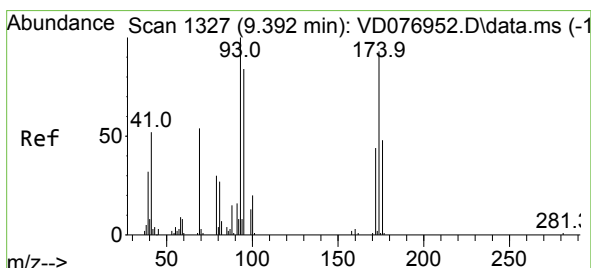
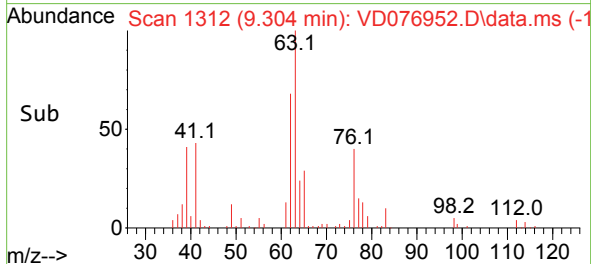
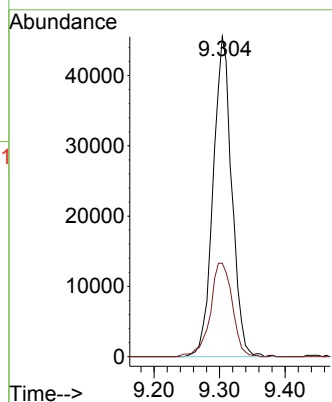
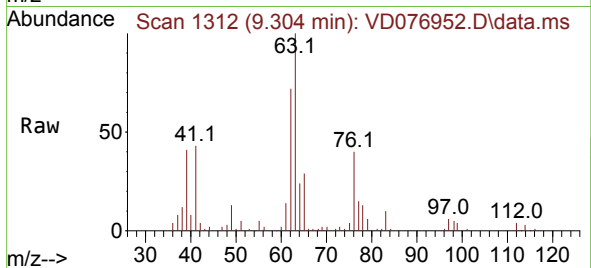
VSTDICCC050

Tgt Ion: 63 Resp: 89761

Ion Ratio Lower Upper

63 100

65 29.2 24.5 36.7



#46

Dibromomethane

Concen: 45.229 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

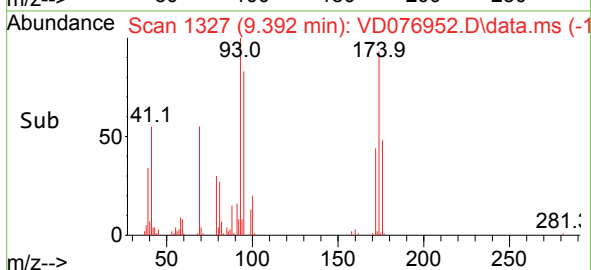
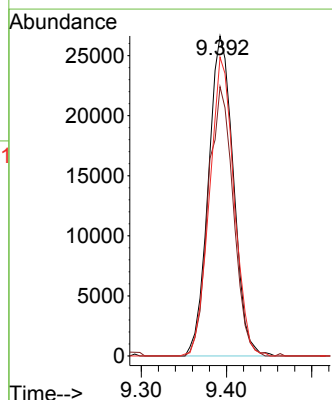
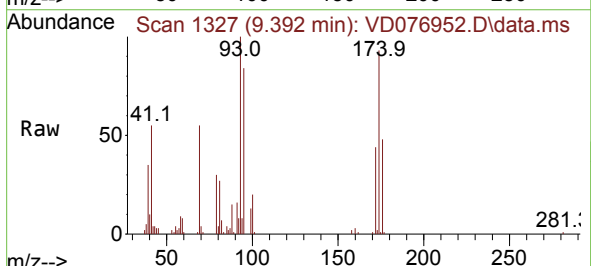
Tgt Ion: 93 Resp: 54312

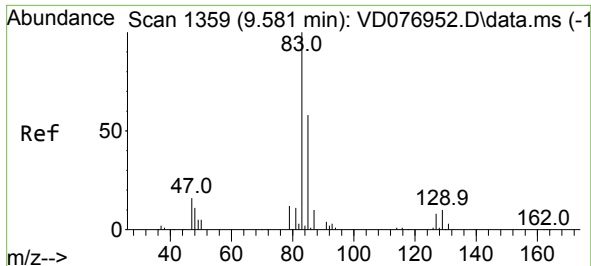
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 91.2 85.4 128.2

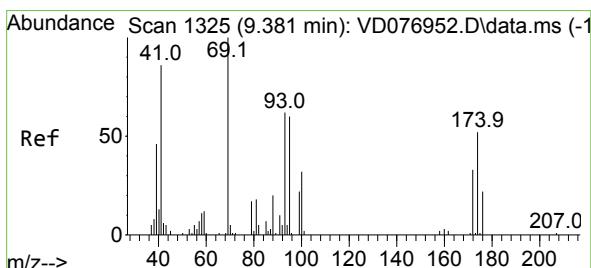
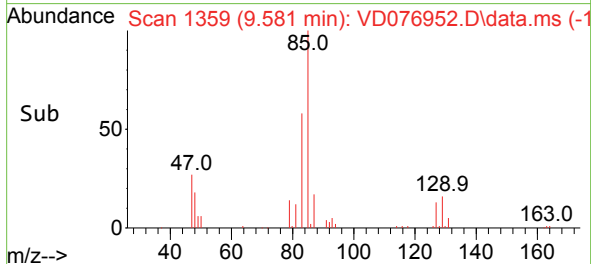
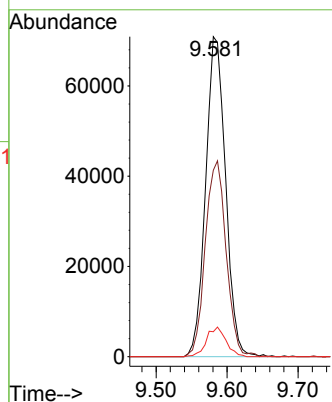
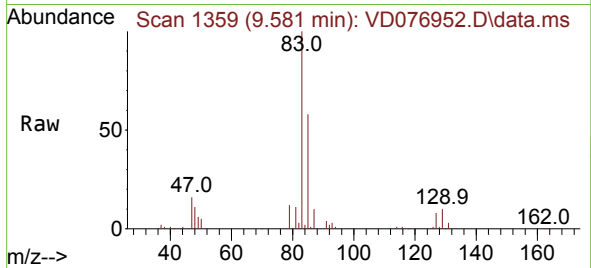




#47
Bromodichloromethane
Concen: 44.952 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

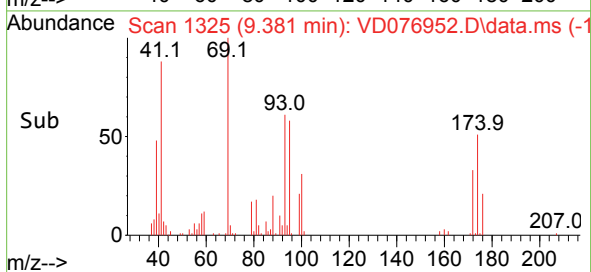
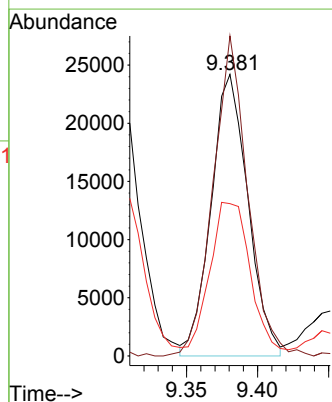
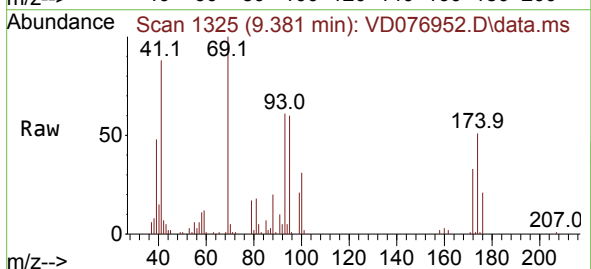
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

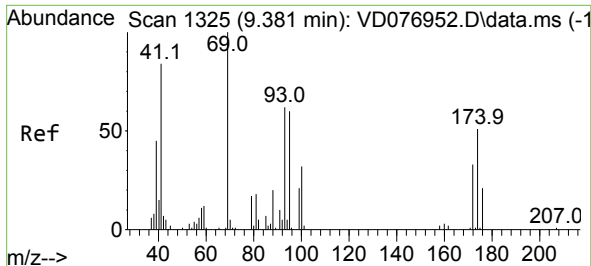
Tgt Ion: 83 Resp: 138469
Ion Ratio Lower Upper
83 100
85 58.3 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 49.420 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 41 Resp: 43701
Ion Ratio Lower Upper
41 100
69 106.8 102.2 153.2
39 60.8 41.4 62.2

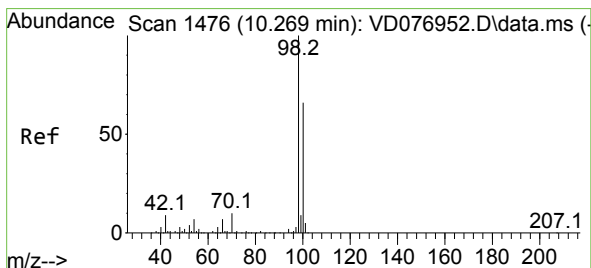
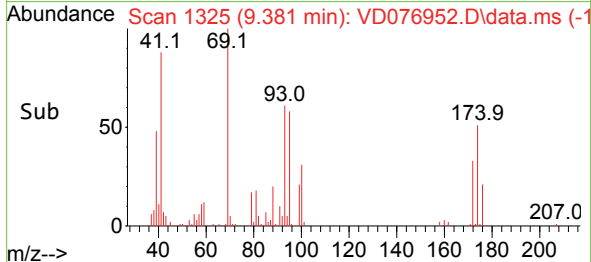
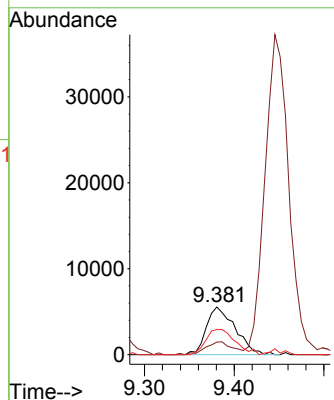
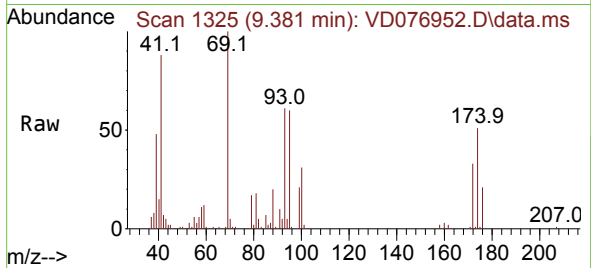




#49
1,4-Dioxane
Concen: 882.470 ug/l
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

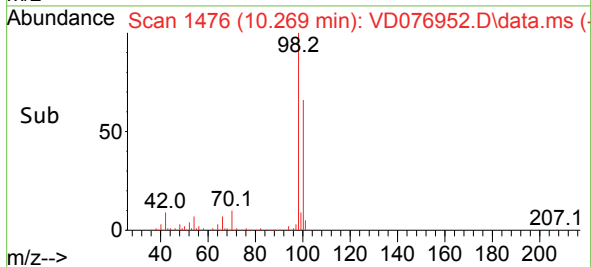
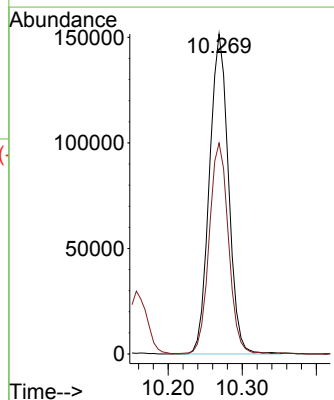
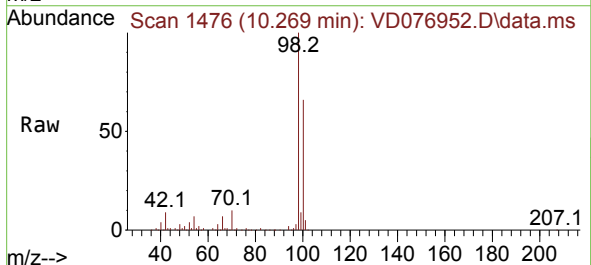
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

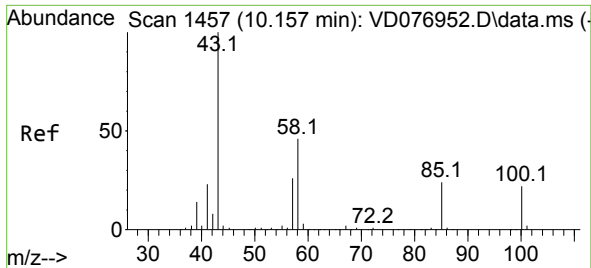
Tgt Ion: 88 Resp: 12386
Ion Ratio Lower Upper
88 100
43 25.6 19.0 28.6
58 53.8 43.5 65.3



#50
Toluene-d8
Concen: 44.903 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 98 Resp: 270483
Ion Ratio Lower Upper
98 100
100 66.3 50.3 75.5

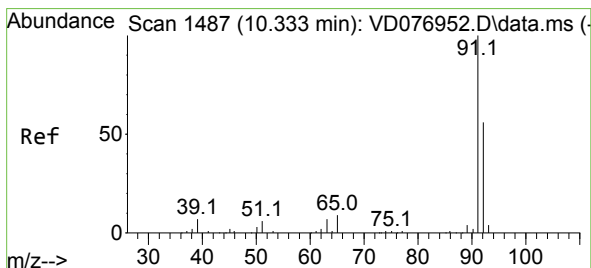
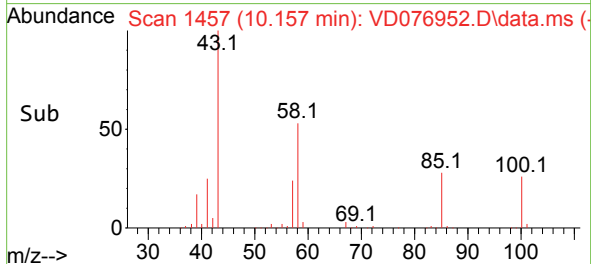
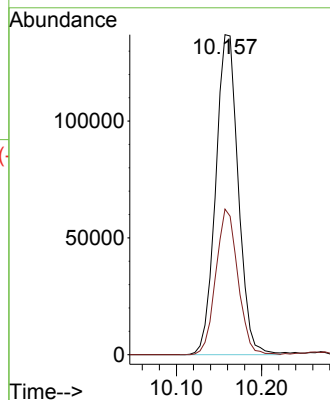
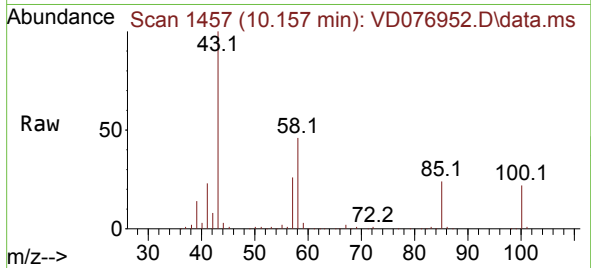




#51
4-Methyl-2-Pentanone
Concen: 226.875 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

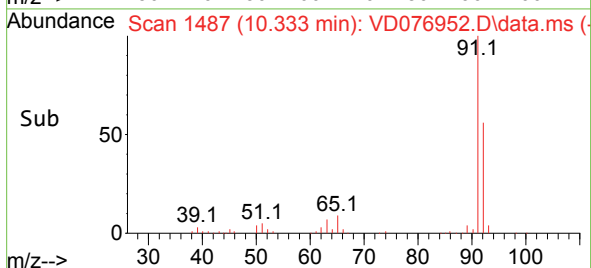
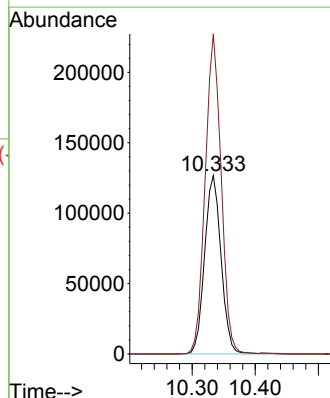
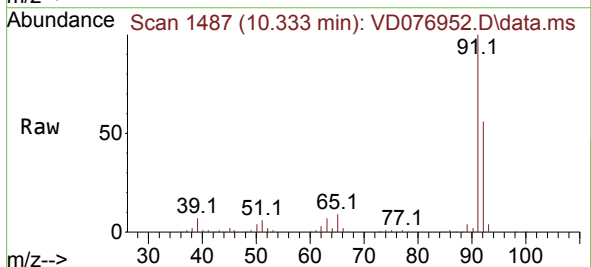
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

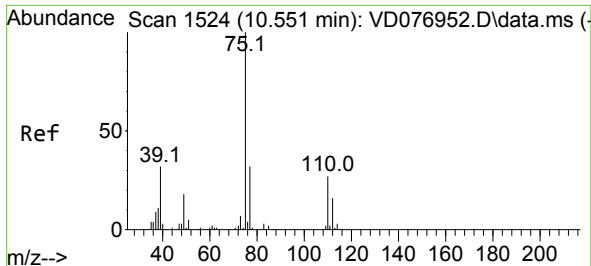
Tgt Ion: 43 Resp: 251835
Ion Ratio Lower Upper
43 100
58 44.5 38.9 58.3



#52
Toluene
Concen: 46.866 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 92 Resp: 229523
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4

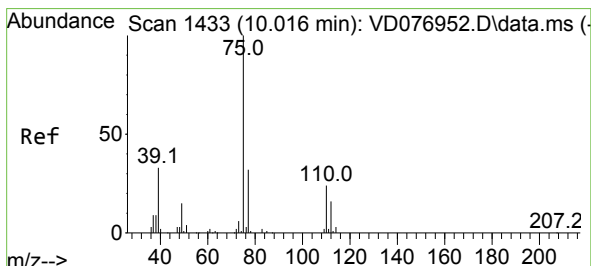
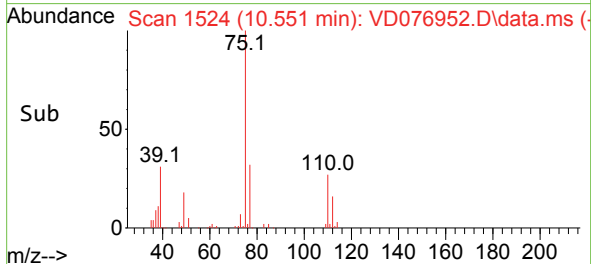
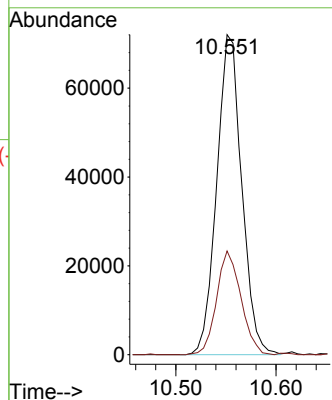
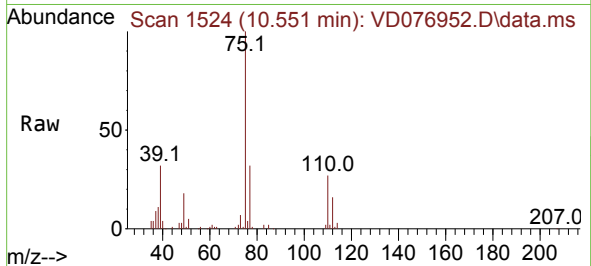




#53
 t-1,3-Dichloropropene
 Concen: 46.303 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

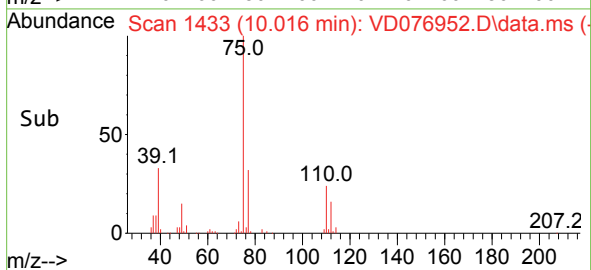
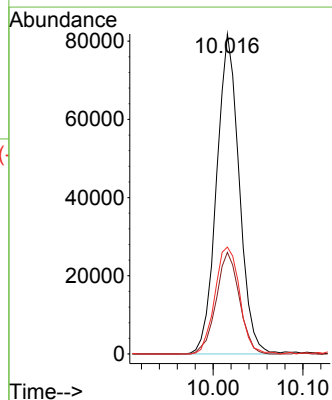
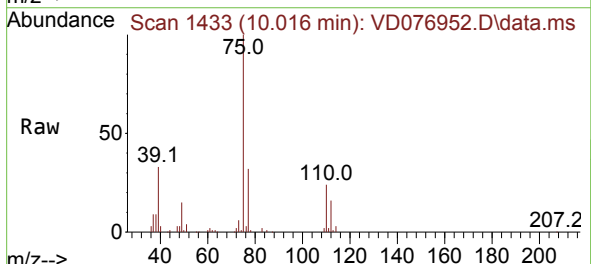
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

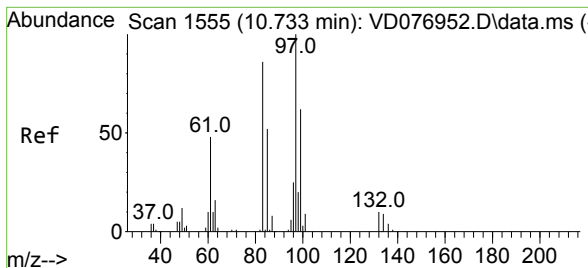
Tgt Ion: 75 Resp: 124432
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 45.893 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion: 75 Resp: 143037
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 33.4 22.1 33.1#

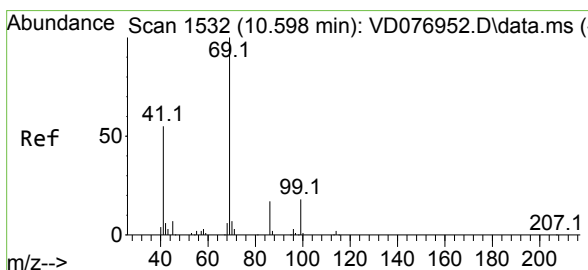
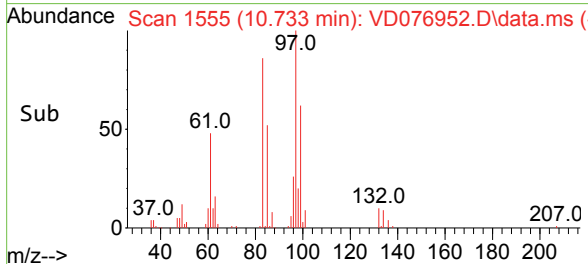
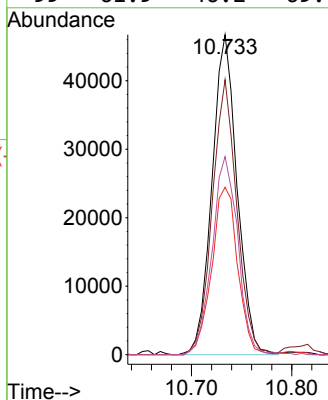
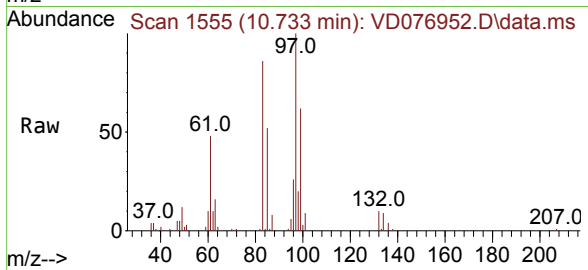




#55
1,1,2-Trichloroethane
Concen: 45.663 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

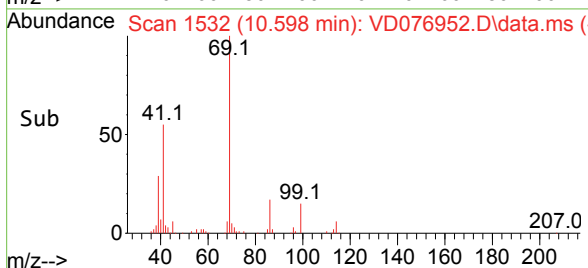
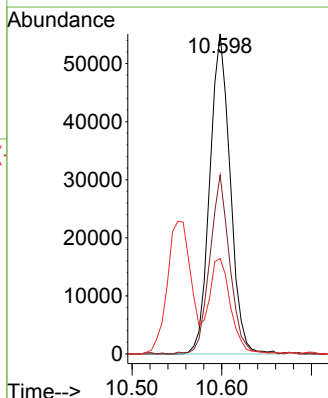
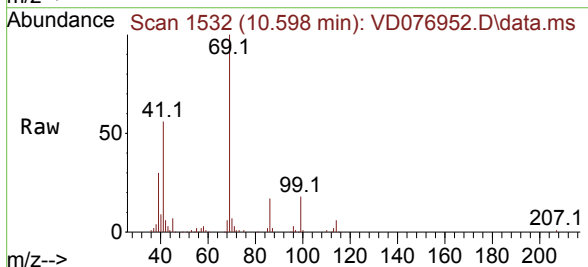
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

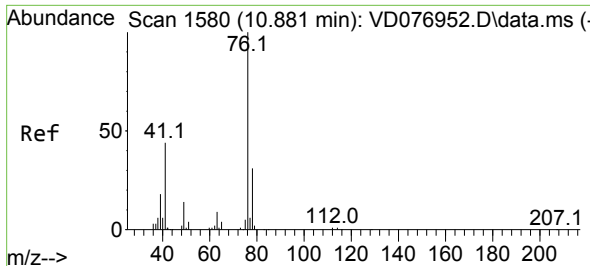
Tgt Ion:	97	Resp:	81374
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.6
85	52.3	45.7	68.5
99	61.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 47.121 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion:	69	Resp:	87034
Ion	Ratio	Lower	Upper
69	100		
41	55.0	39.1	58.7
39	31.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 45.418 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

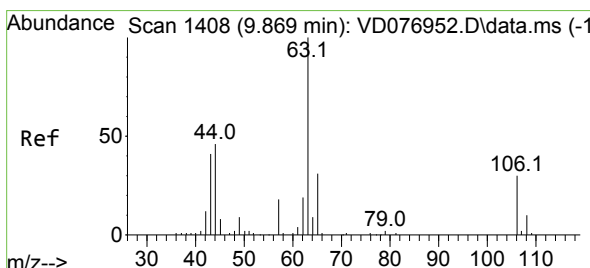
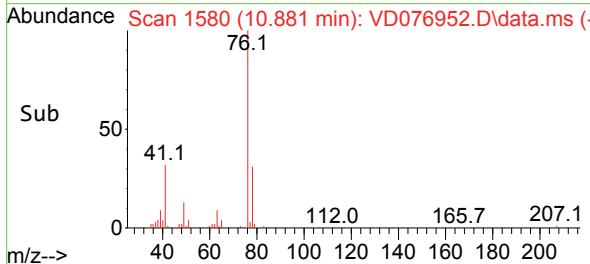
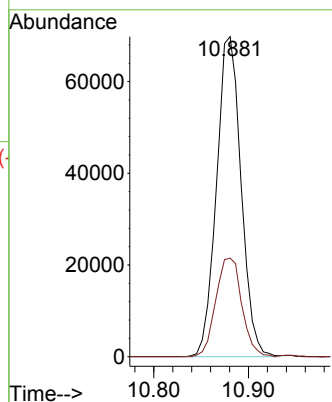
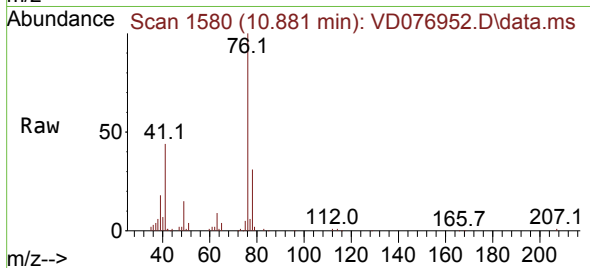
VSTDICCC050

Tgt Ion: 76 Resp: 125743

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 211.213 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076952.D

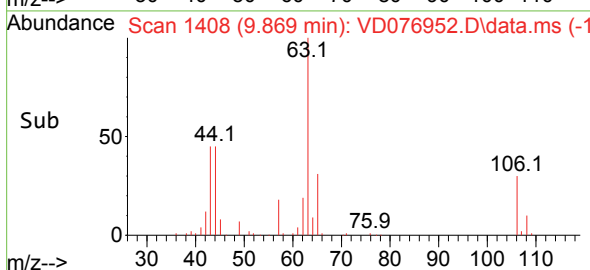
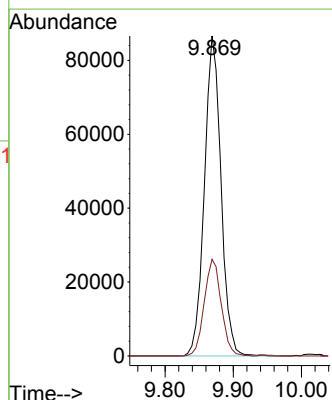
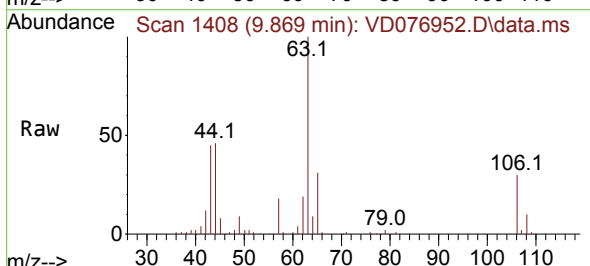
Acq: 08 Aug 2023 14:02

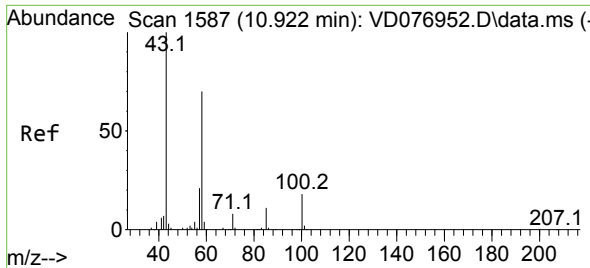
Tgt Ion: 63 Resp: 146654

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

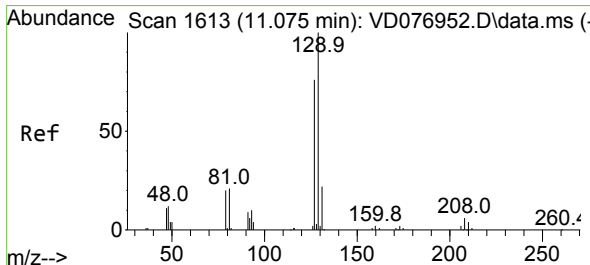
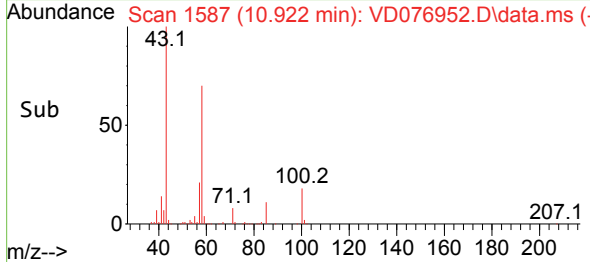
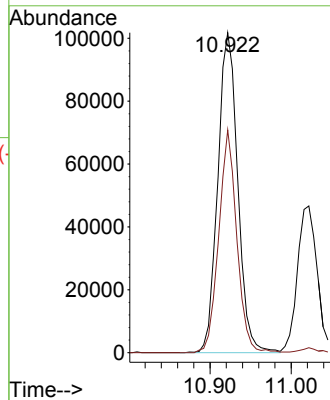
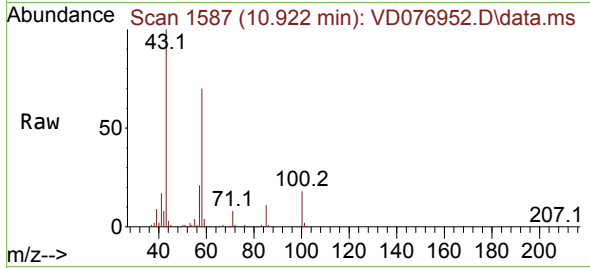




#59
2-Hexanone
Concen: 230.387 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

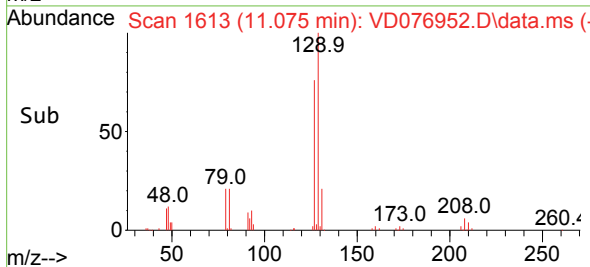
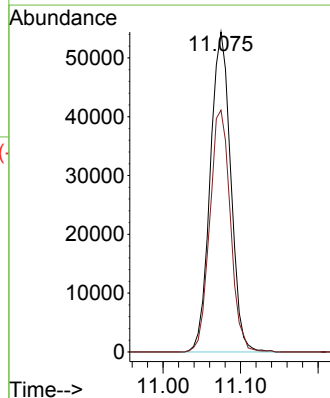
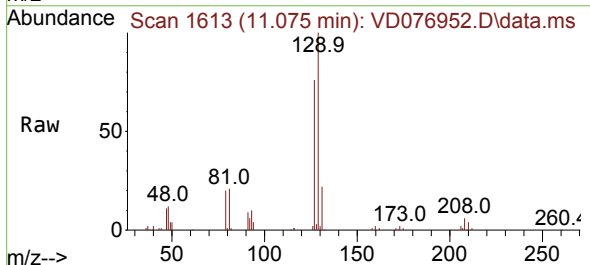
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

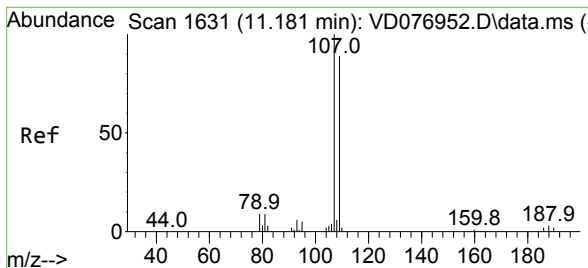
Tgt Ion: 43 Resp: 174079
Ion Ratio Lower Upper
43 100
58 63.0 34.1 102.2



#60
Dibromochloromethane
Concen: 46.475 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 129 Resp: 99884
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5

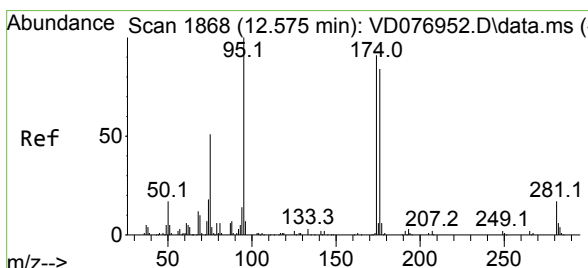
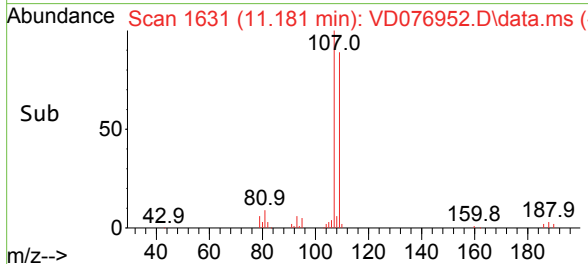
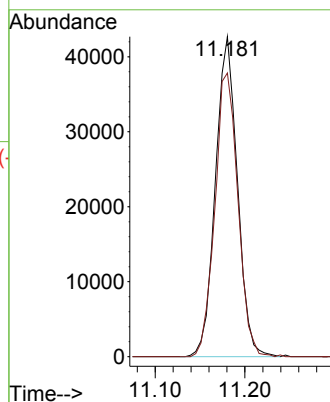
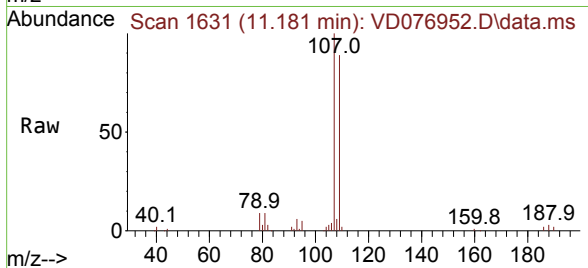




#61
1,2-Dibromoethane
Concen: 45.797 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

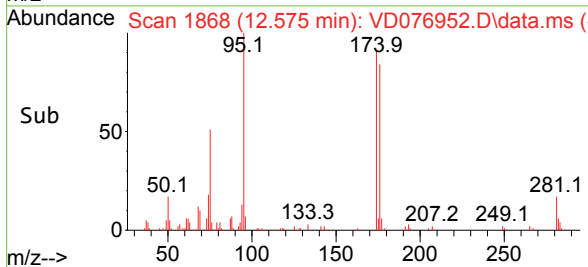
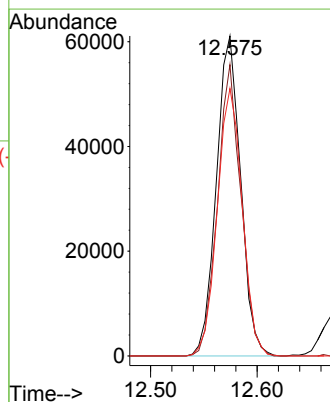
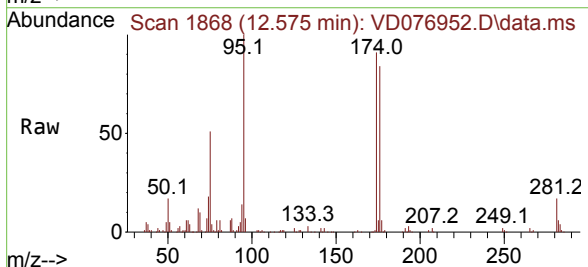
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

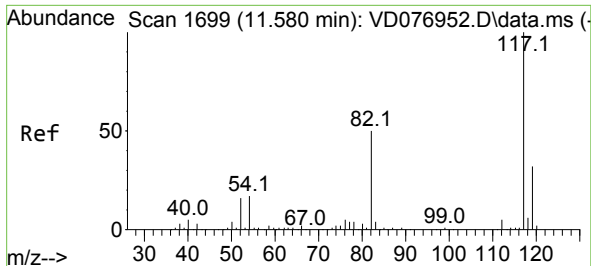
Tgt Ion:107 Resp: 72576
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.885 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 95 Resp: 96625
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 86.0 0.0 191.8

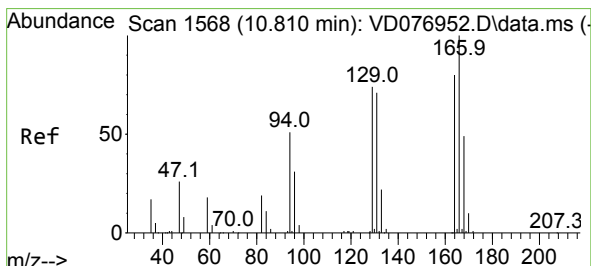
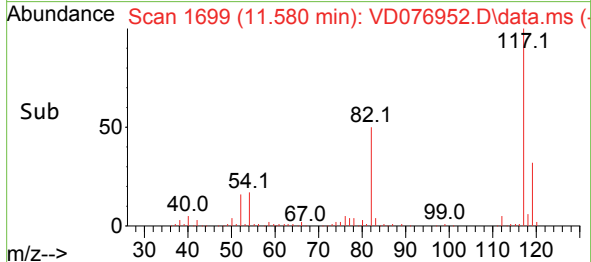
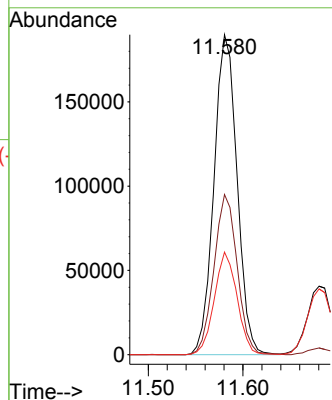
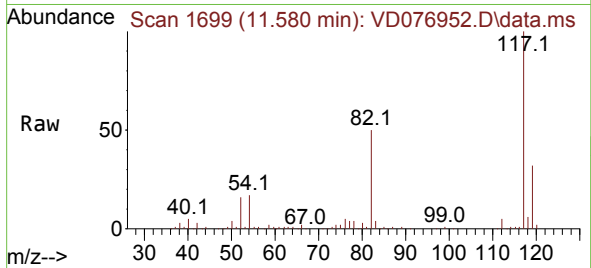




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

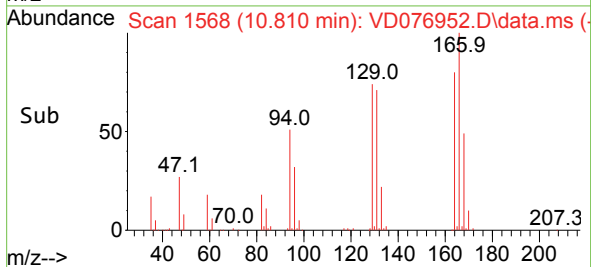
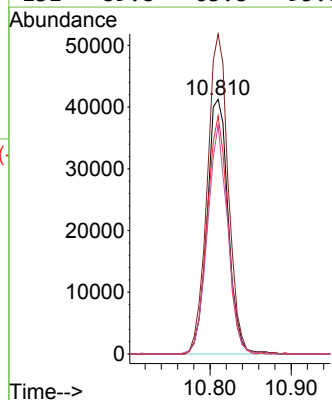
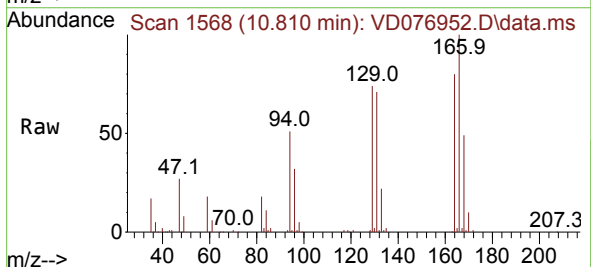
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

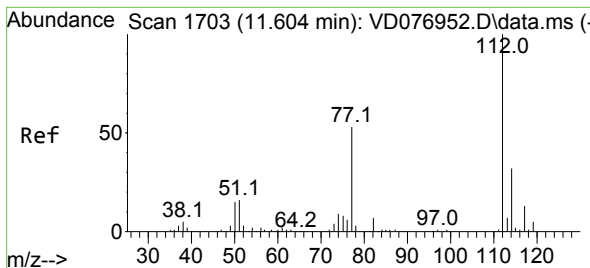
Tgt Ion:117 Resp: 322353
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 45.967 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion:164 Resp: 74588
Ion Ratio Lower Upper
164 100
166 125.7 99.2 148.8
129 93.5 68.4 102.6
131 89.8 63.8 95.8





#65

Chlorobenzene

Concen: 45.522 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

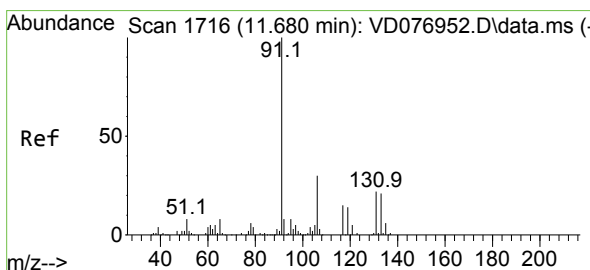
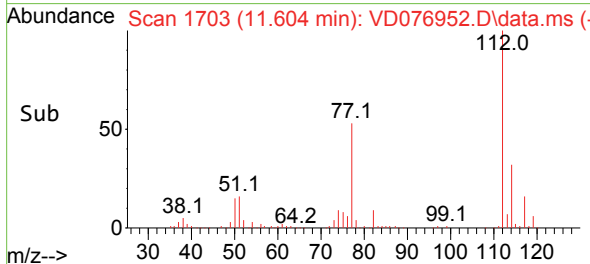
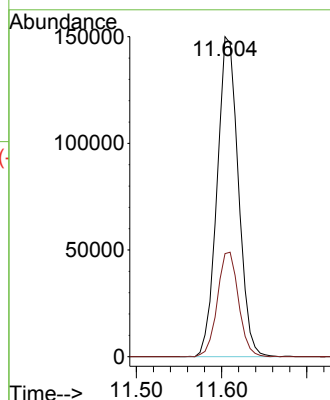
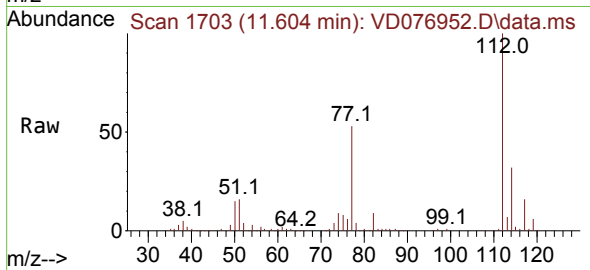
VSTDICCC050

Tgt Ion:112 Resp: 259606

Ion Ratio Lower Upper

112 100

114 32.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.415 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

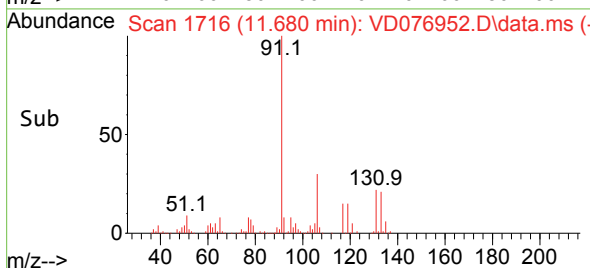
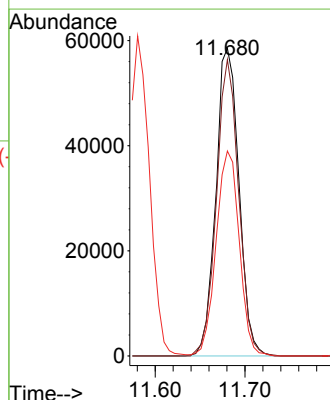
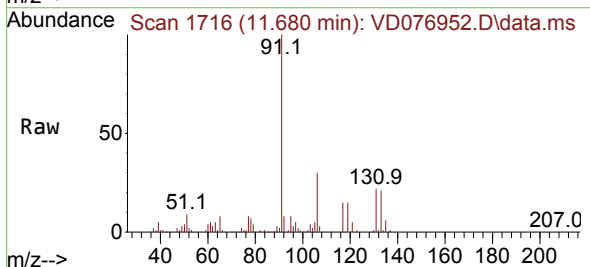
Tgt Ion:131 Resp: 104451

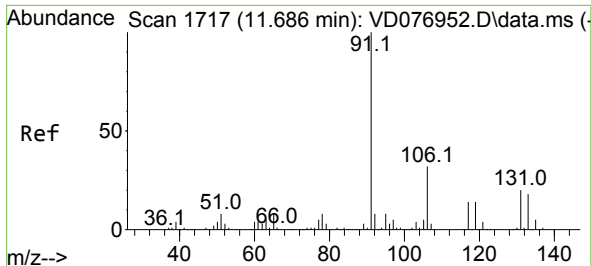
Ion Ratio Lower Upper

131 100

133 92.9 48.5 145.5

119 67.0 35.6 106.9





#67

Ethyl Benzene

Concen: 47.069 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

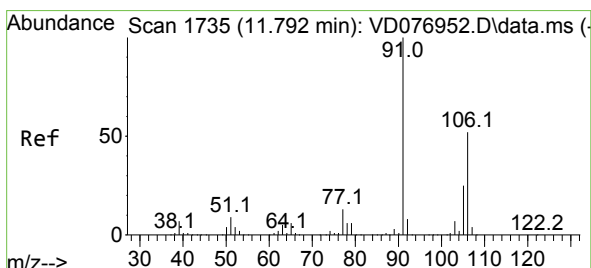
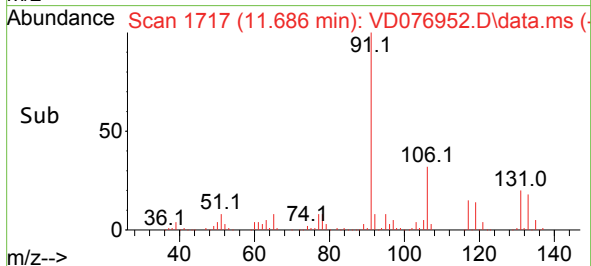
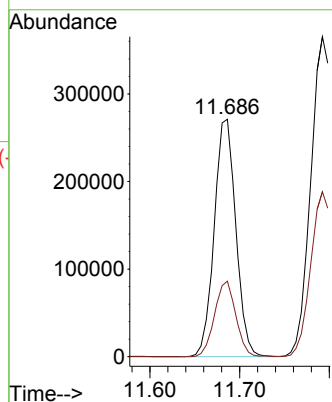
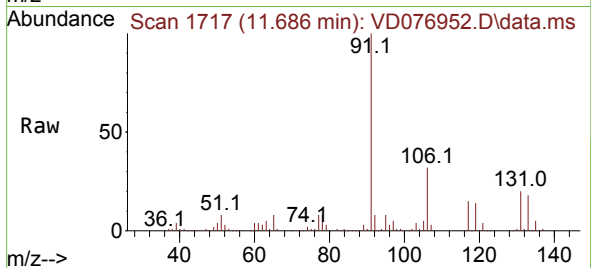
VSTDICCC050

Tgt Ion: 91 Resp: 452869

Ion Ratio Lower Upper

91 100

106 31.8 26.5 39.7



#68

m/p-Xylenes

Concen: 94.873 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076952.D

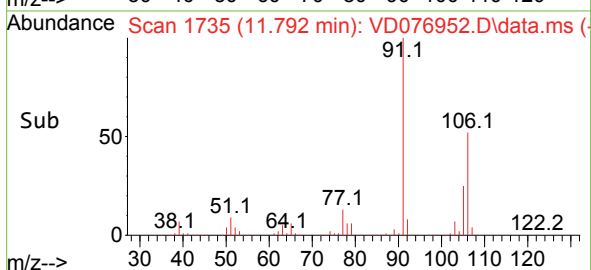
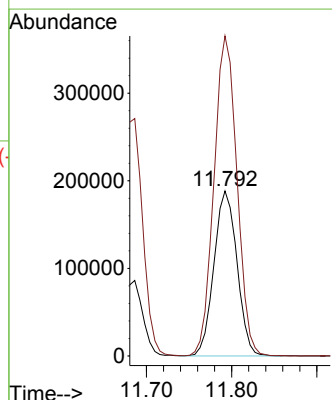
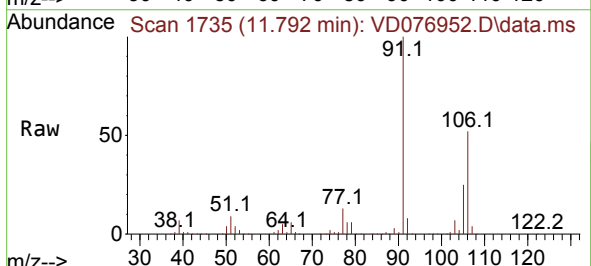
Acq: 08 Aug 2023 14:02

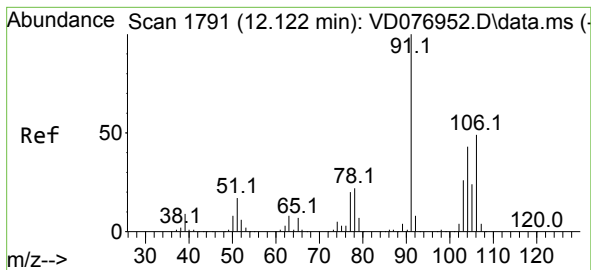
Tgt Ion: 106 Resp: 354522

Ion Ratio Lower Upper

106 100

91 193.6 147.0 220.6





#69

o-Xylene

Concen: 46.862 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

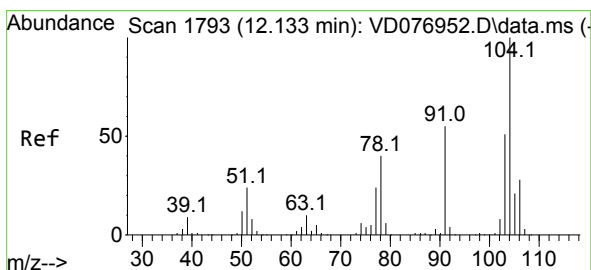
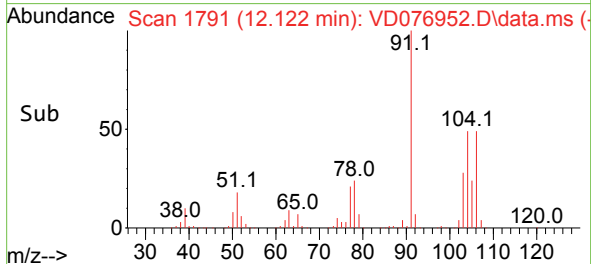
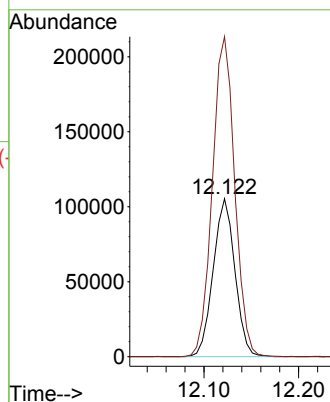
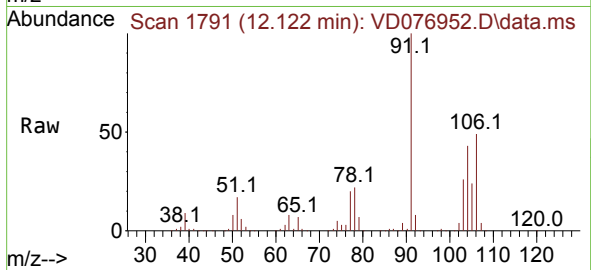
VSTDICCC050

Tgt Ion:106 Resp: 167938

Ion Ratio Lower Upper

106 100

91 208.4 97.9 293.6



#70

Styrene

Concen: 48.959 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

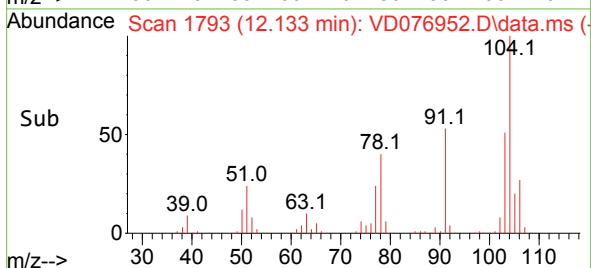
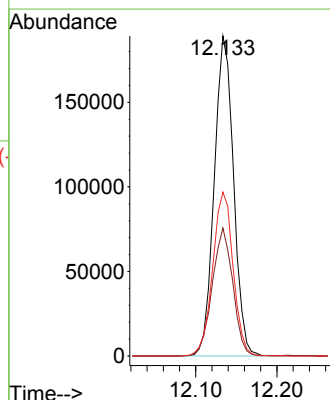
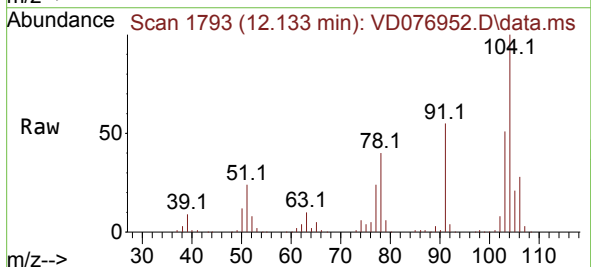
Tgt Ion:104 Resp: 312781

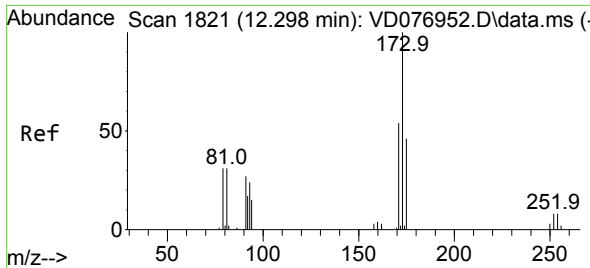
Ion Ratio Lower Upper

104 100

78 42.6 33.2 49.8

103 54.2 43.6 65.4

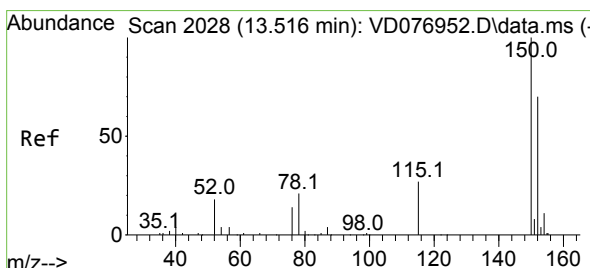
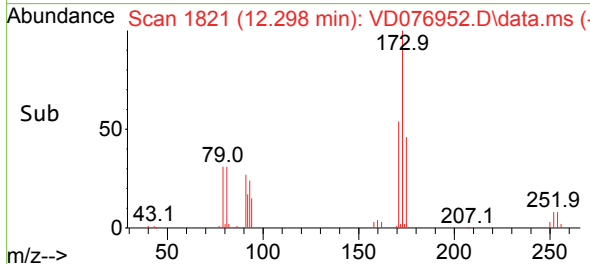
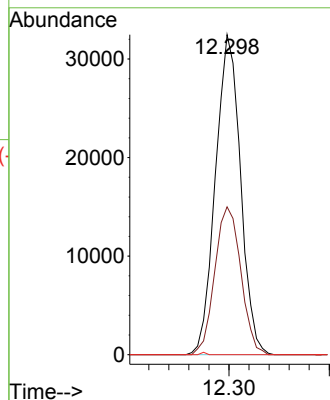
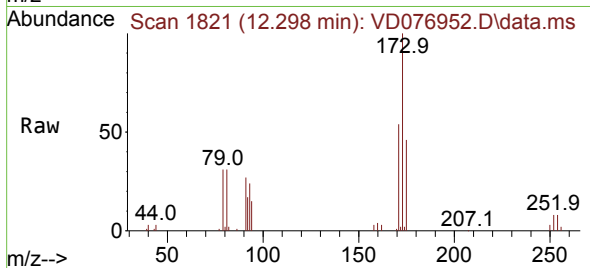




#71
Bromoform
Concen: 45.031 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

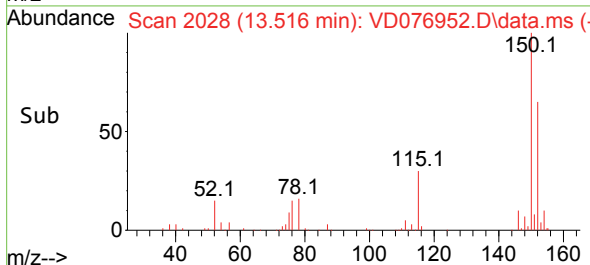
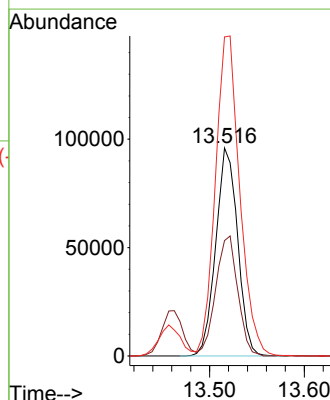
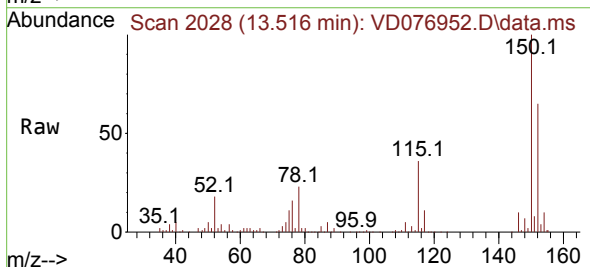
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

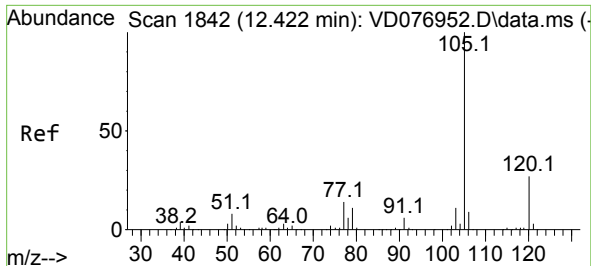
Tgt Ion:173 Resp: 56179
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion:152 Resp: 153998
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 171.5 0.0 353.6

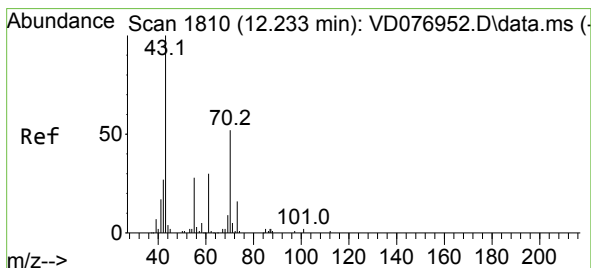
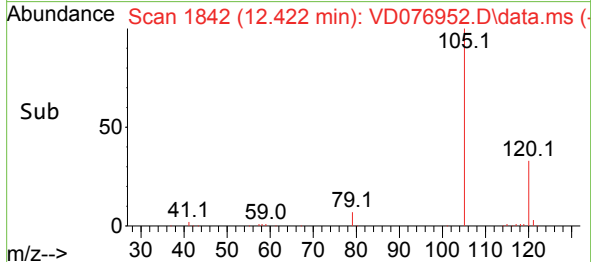
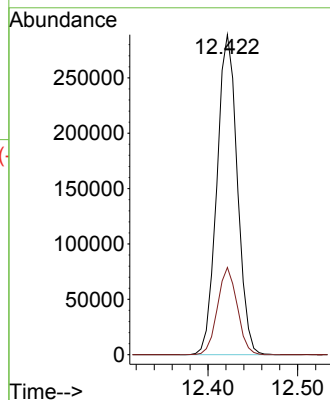
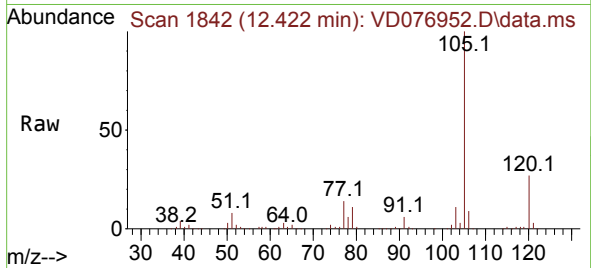




#73
Isopropylbenzene
Concen: 47.108 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

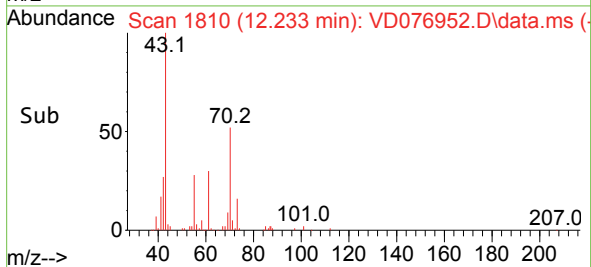
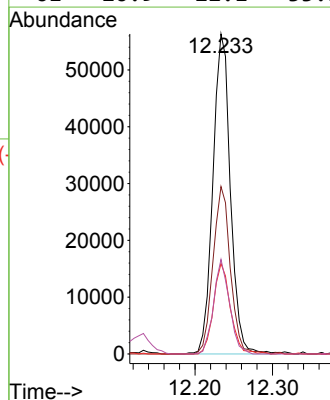
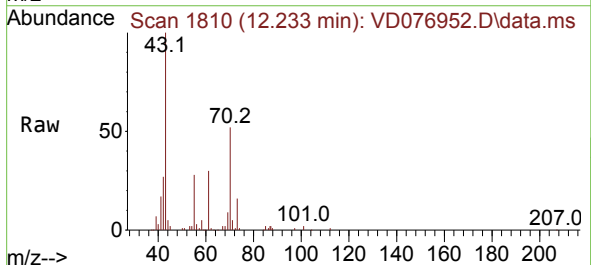
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

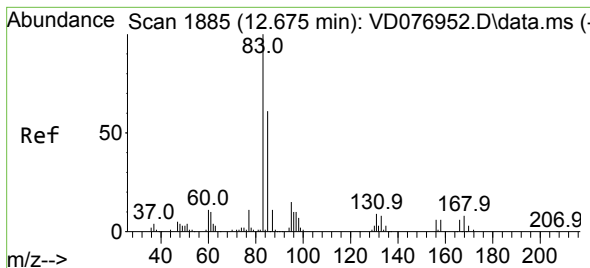
Tgt Ion:105 Resp: 456516
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 45.800 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 43 Resp: 88428
Ion Ratio Lower Upper
43 100
70 52.0 45.0 67.4
55 27.3 23.8 35.6
61 26.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.009 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

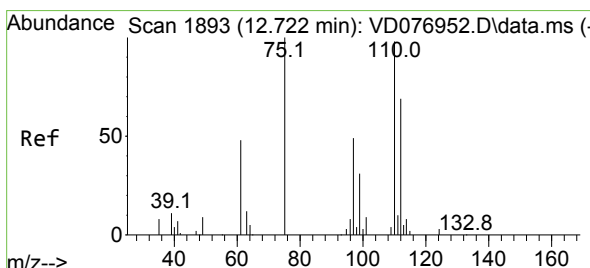
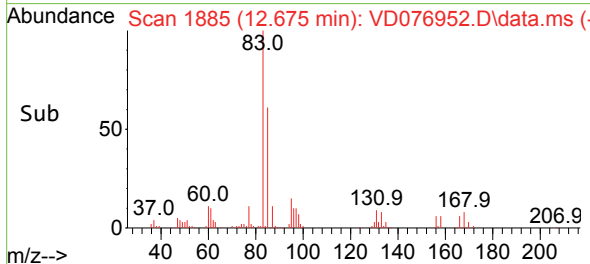
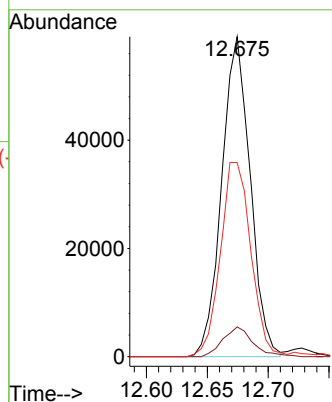
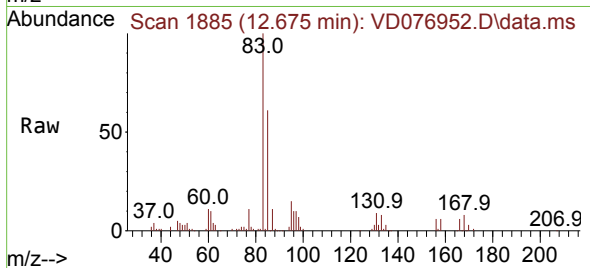
Tgt Ion: 83 Resp: 96110

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 65.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 76.280 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD076952.D

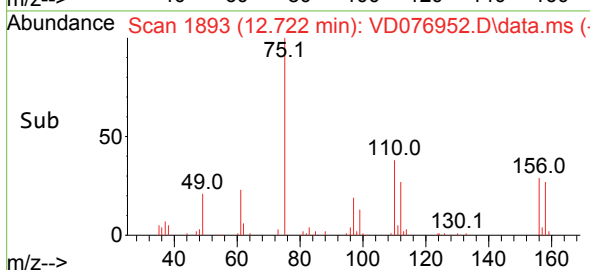
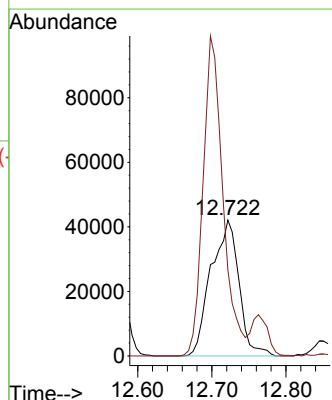
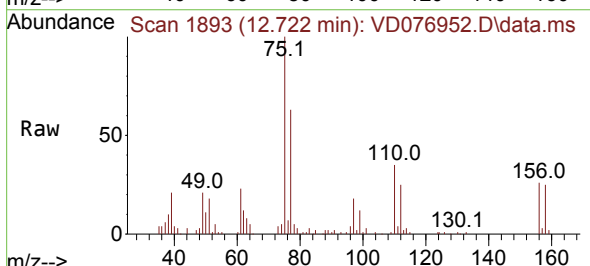
Acq: 08 Aug 2023 14:02

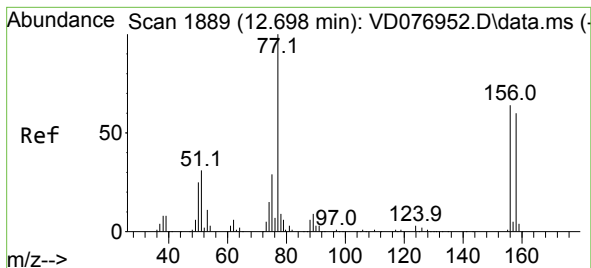
Tgt Ion: 75 Resp: 110199

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.476 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

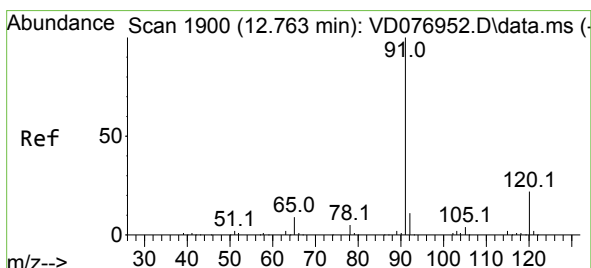
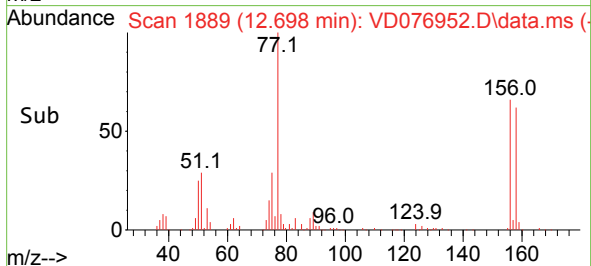
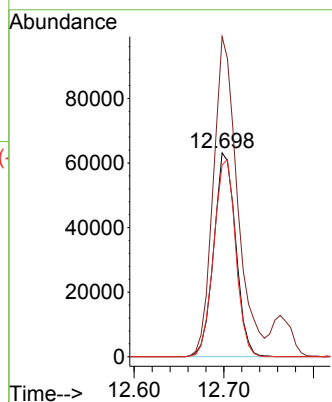
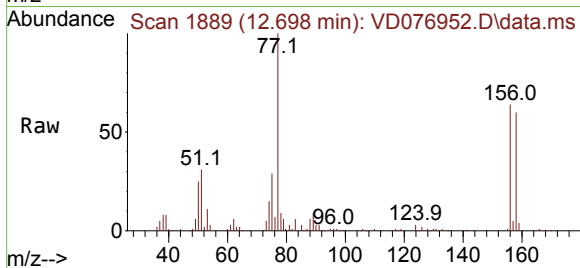
Tgt Ion:156 Resp: 107234

Ion Ratio Lower Upper

156 100

77 172.3 76.8 230.4

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 47.418 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076952.D

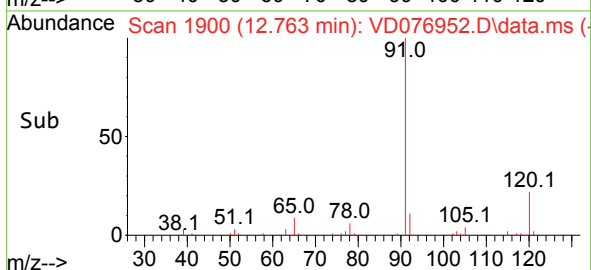
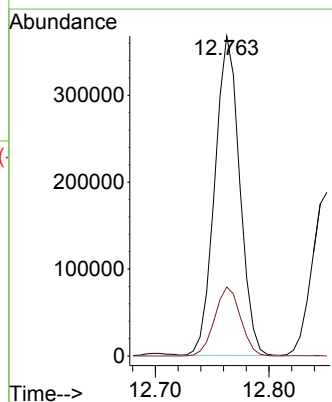
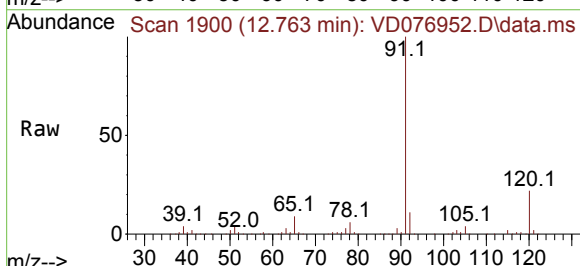
Acq: 08 Aug 2023 14:02

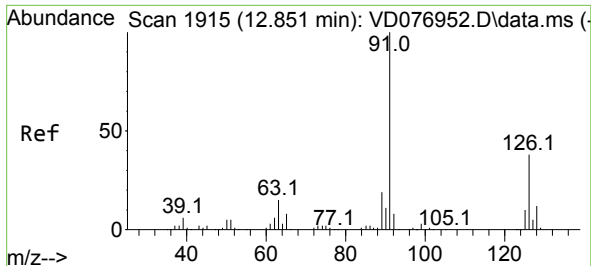
Tgt Ion: 91 Resp: 558983

Ion Ratio Lower Upper

91 100

120 22.4 12.4 37.2

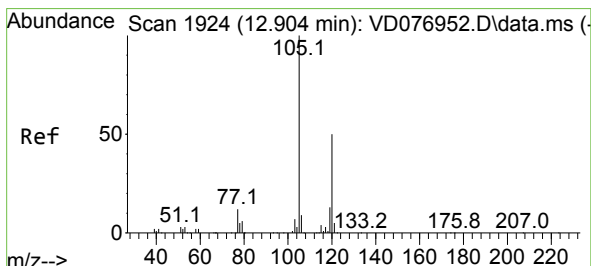
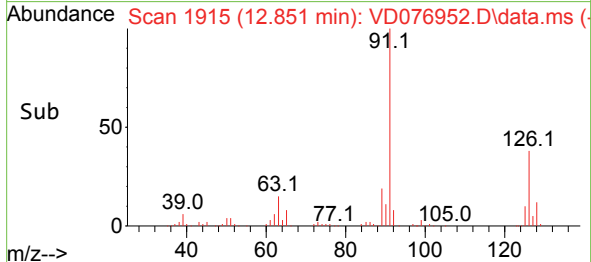
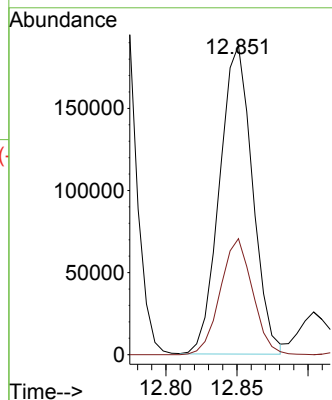
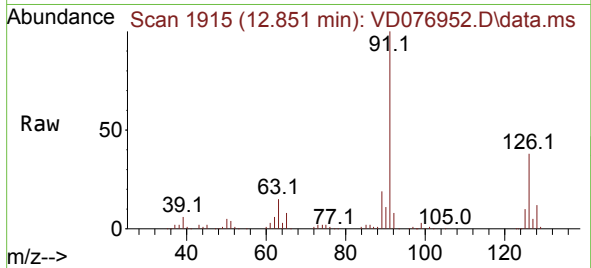




#79
2-Chlorotoluene
Concen: 46.765 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

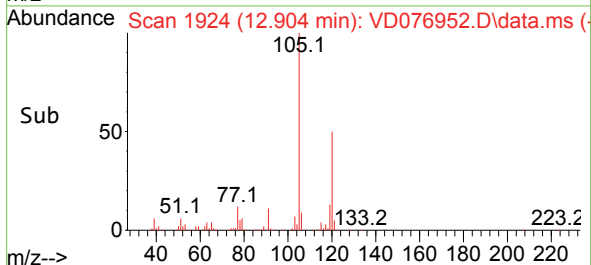
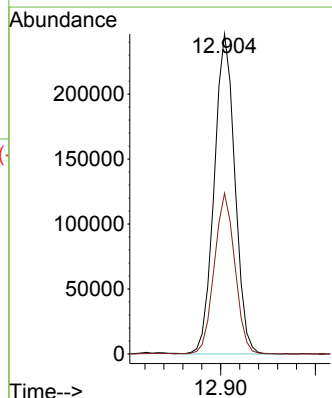
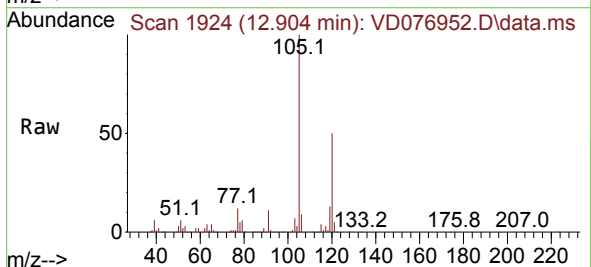
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

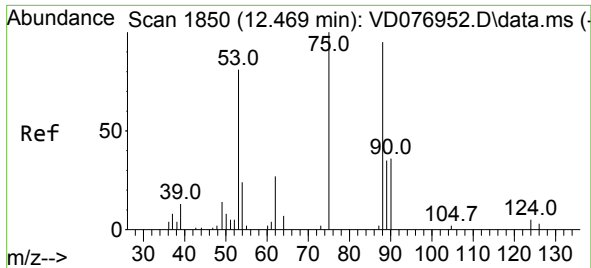
Tgt Ion: 91 Resp: 303087
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 47.383 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 105 Resp: 372710
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

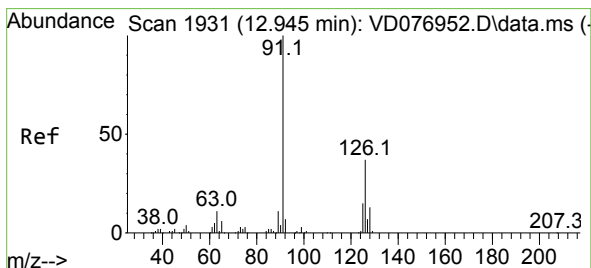
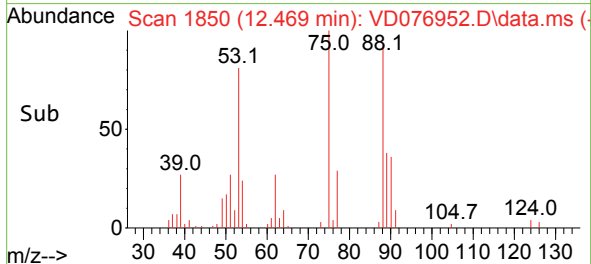
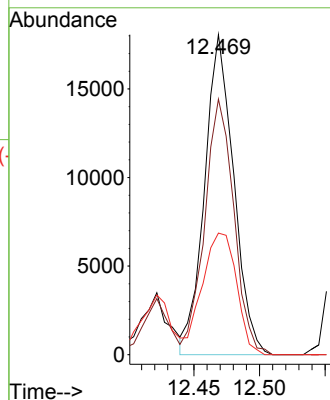
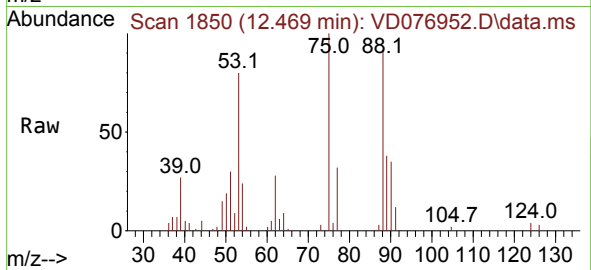




#81
trans-1,4-Dichloro-2-butene
Concen: 45.357 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

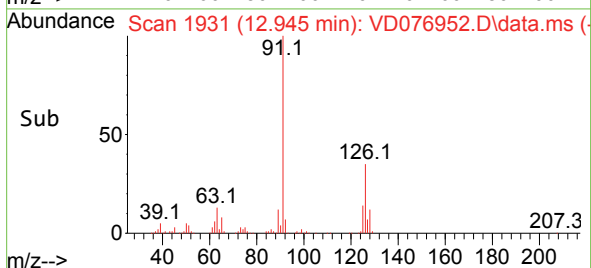
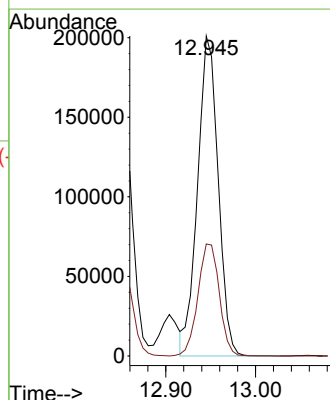
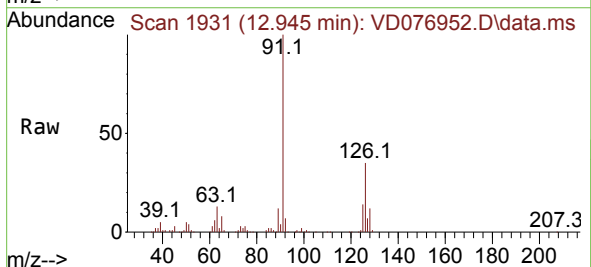
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

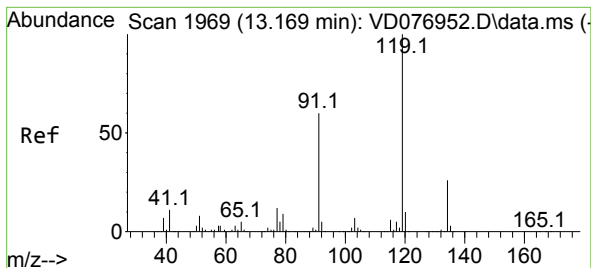
Tgt Ion:	75	Resp:	27890
Ion	Ratio	Lower	Upper
75	100		
53	80.4	63.0	94.4
89	45.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 47.259 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion:	91	Resp:	320569
Ion	Ratio	Lower	Upper
91	100		
126	36.3	19.4	58.4

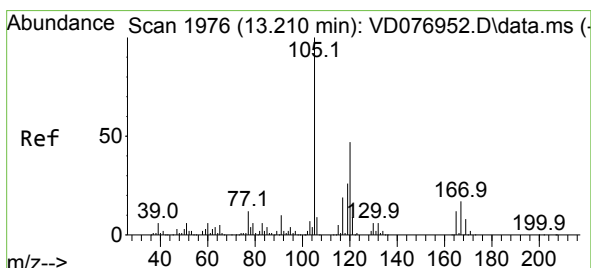
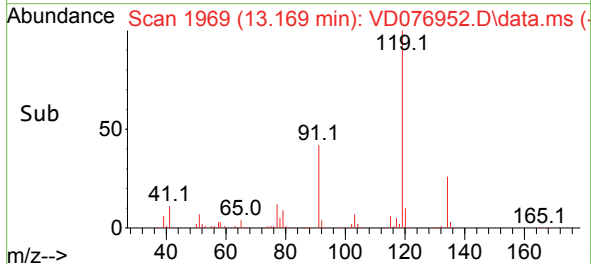
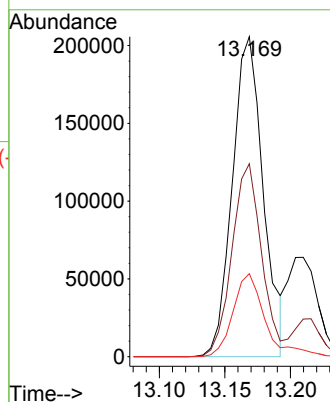
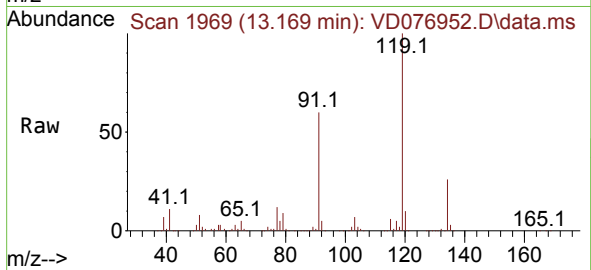




#83
tert-Butylbenzene
Concen: 46.750 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

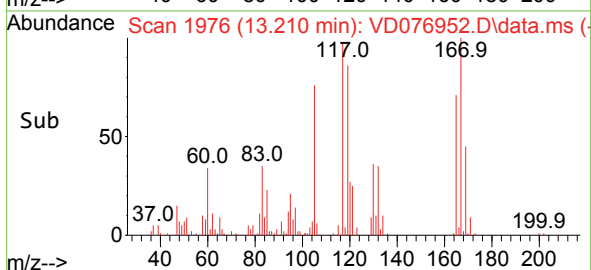
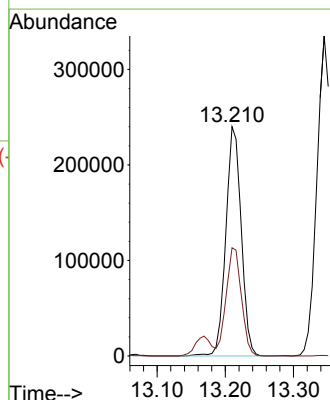
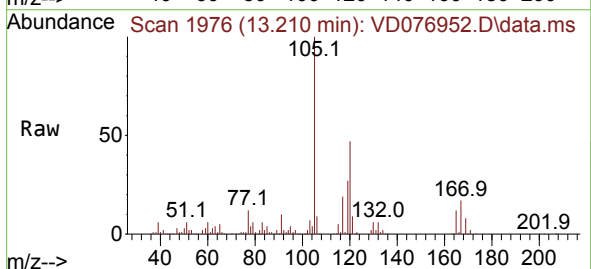
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

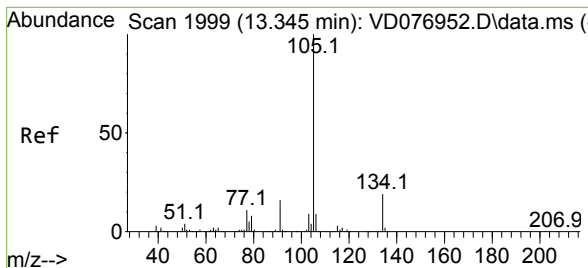
Tgt Ion:119 Resp: 337196
Ion Ratio Lower Upper
119 100
91 57.8 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 47.045 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion:105 Resp: 377069
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9

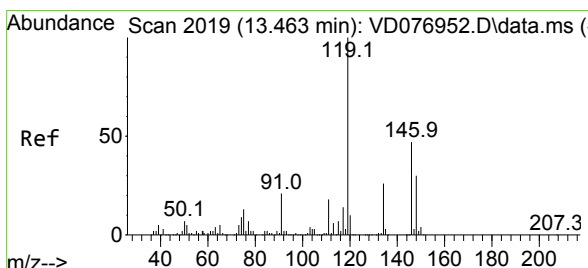
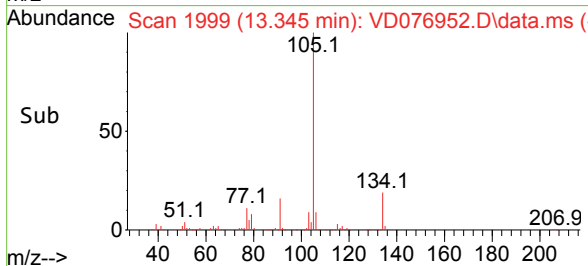
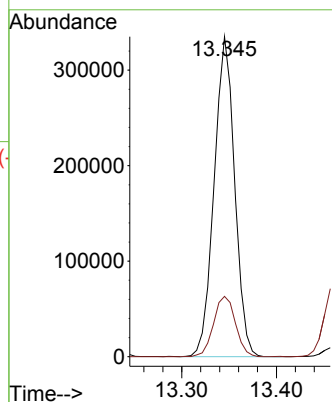
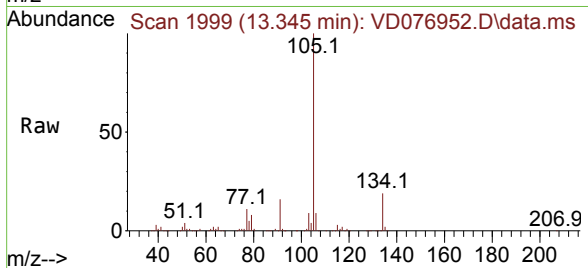




#85
 sec-Butylbenzene
 Concen: 46.240 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

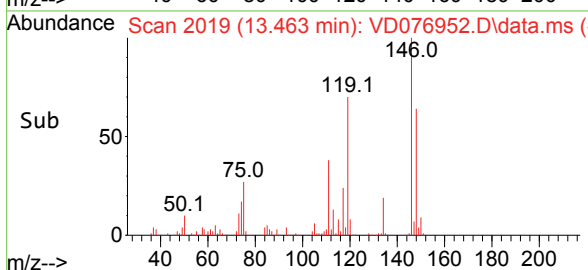
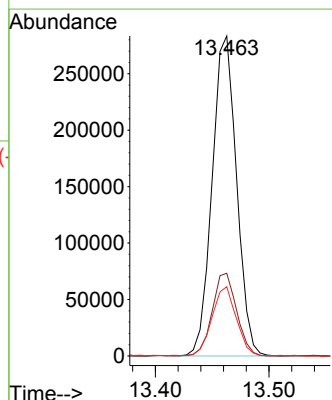
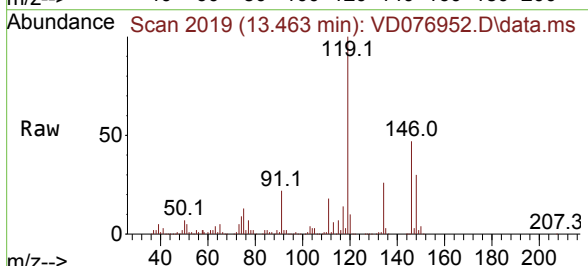
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

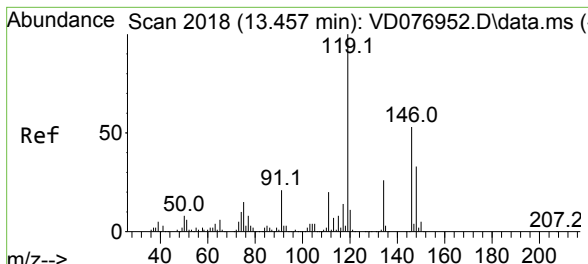
Tgt Ion:105 Resp: 503842
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 47.078 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion:119 Resp: 423687
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 21.4 10.5 31.5



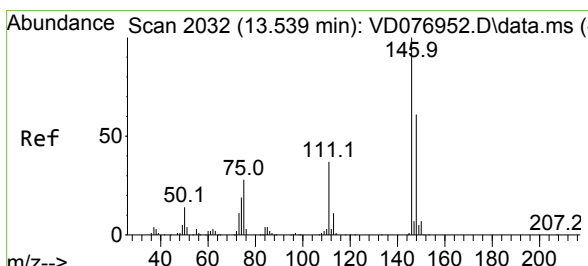
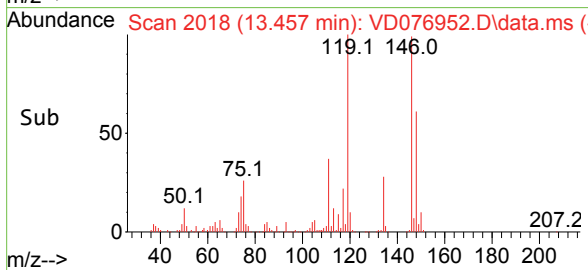
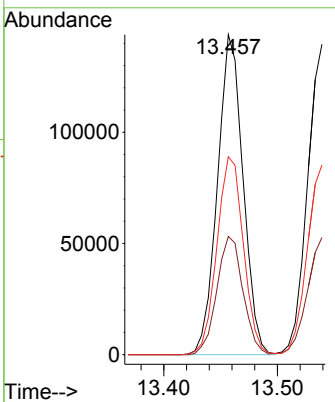
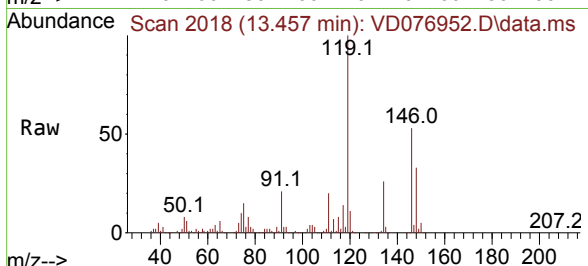


#87
 1,3-Dichlorobenzene
 Concen: 46.033 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 225163

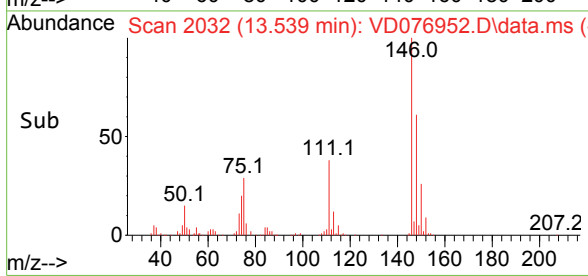
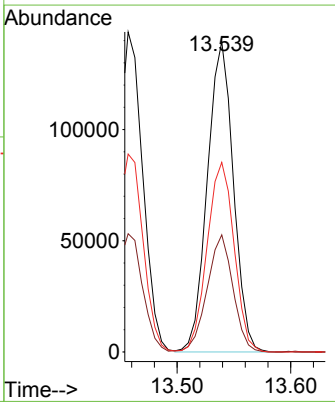
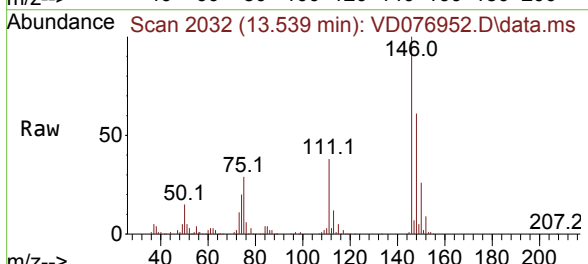
Ion	Ratio	Lower	Upper
146	100		
111	37.8	17.9	53.8
148	64.1	32.3	96.8

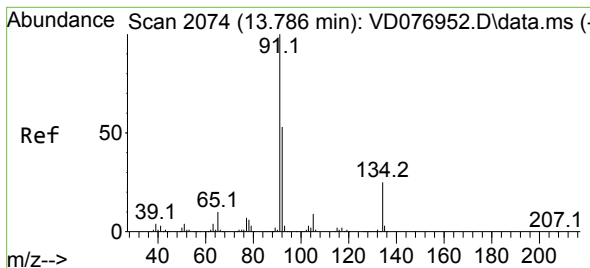


#88
 1,4-Dichlorobenzene
 Concen: 45.618 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion:146 Resp: 222456

Ion	Ratio	Lower	Upper
146	100		
111	37.4	17.4	52.3
148	63.2	31.7	95.1





#89

n-Butylbenzene

Concen: 46.593 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

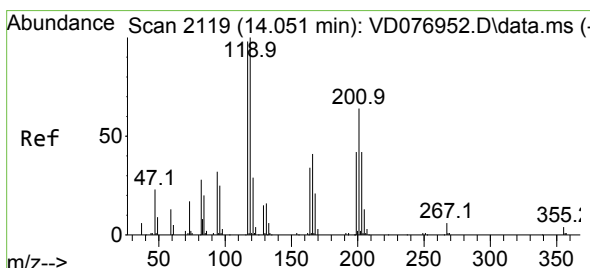
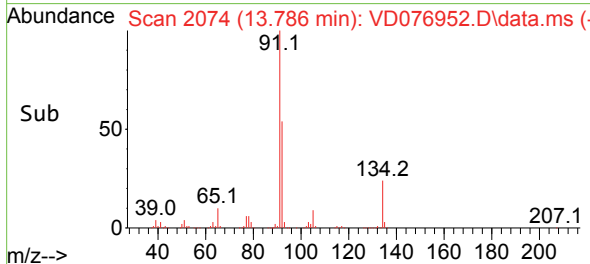
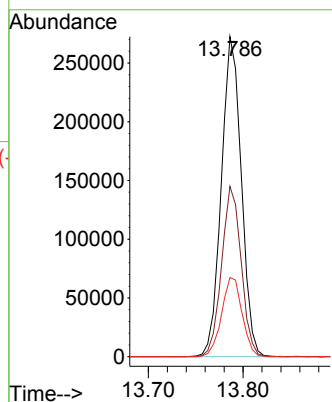
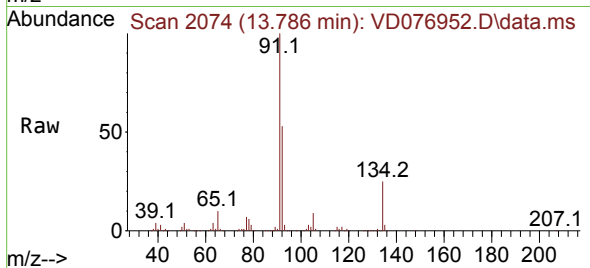
Tgt Ion: 91 Resp: 399422

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 25.4 13.8 41.3



#90

Hexachloroethane

Concen: 43.922 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076952.D

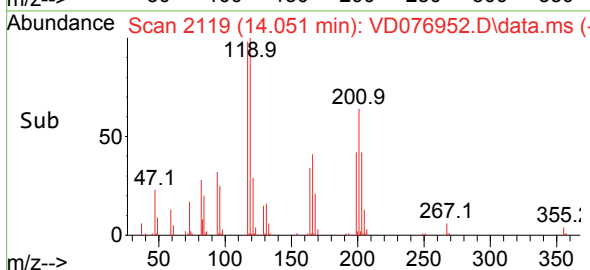
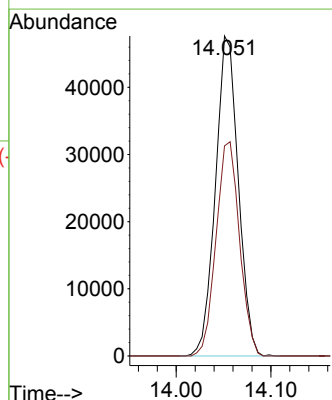
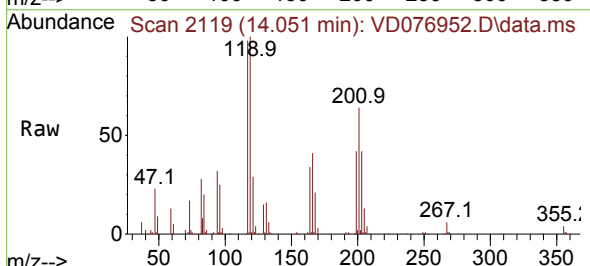
Acq: 08 Aug 2023 14:02

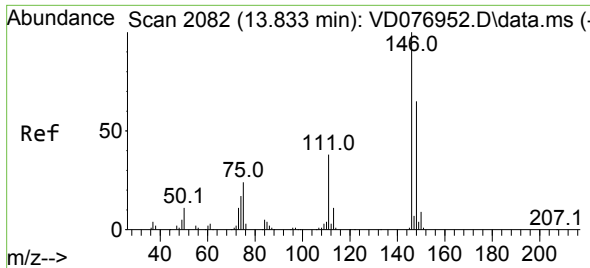
Tgt Ion: 117 Resp: 79877

Ion Ratio Lower Upper

117 100

201 68.7 38.5 115.5

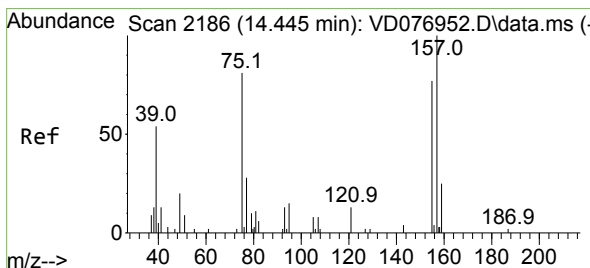
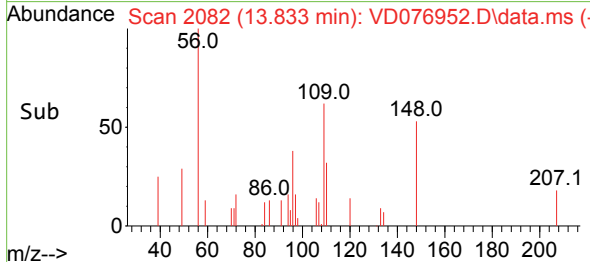
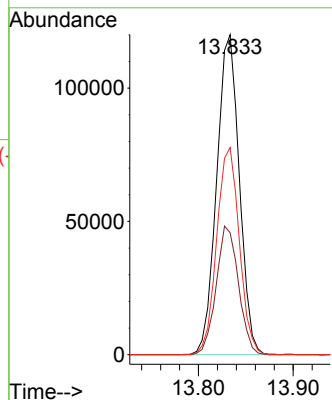
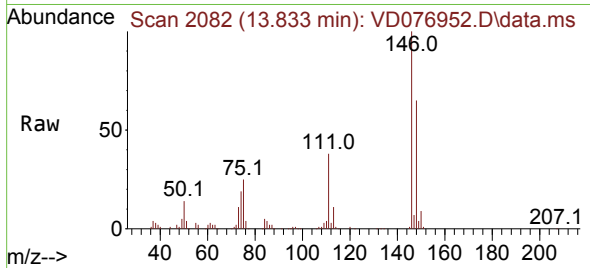




#91
1,2-Dichlorobenzene
Concen: 45.863 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

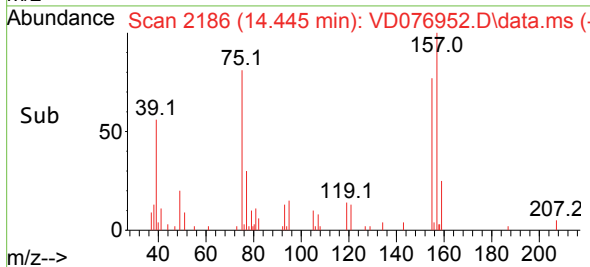
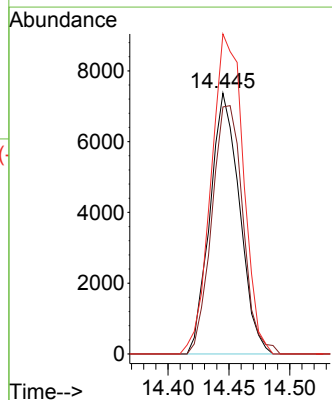
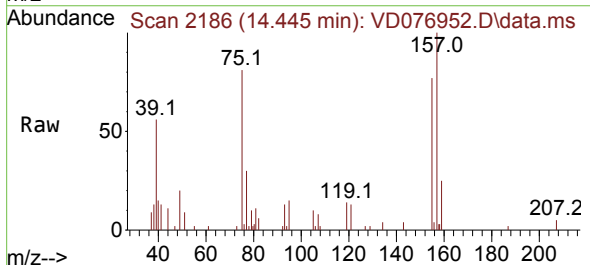
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

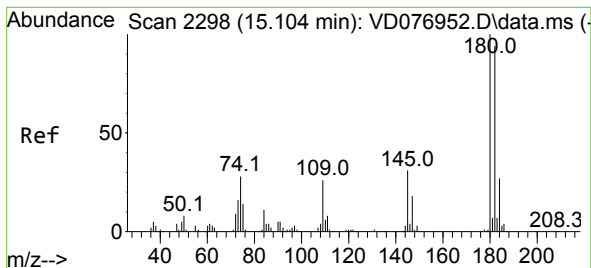
Tgt Ion:146 Resp: 199448
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 64.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.882 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076952.D
Acq: 08 Aug 2023 14:02

Tgt Ion: 75 Resp: 12450
Ion Ratio Lower Upper
75 100
155 100.0 47.9 143.8
157 133.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 45.196 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

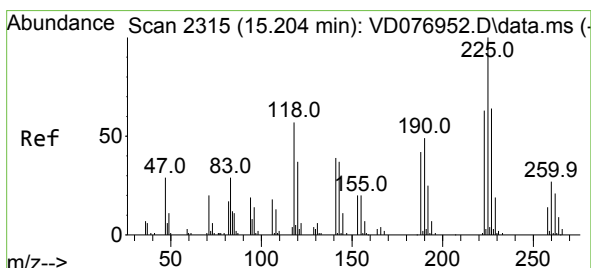
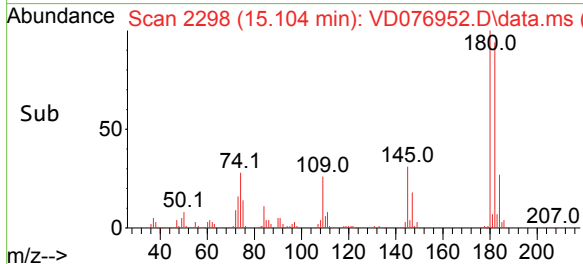
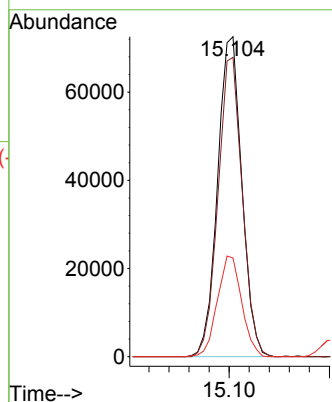
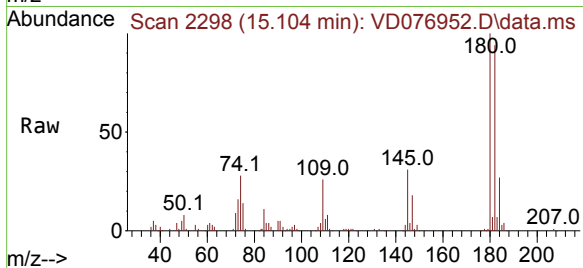
Tgt Ion:180 Resp: 121564

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 31.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.194 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076952.D

Acq: 08 Aug 2023 14:02

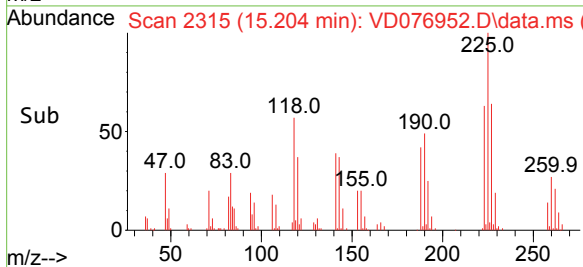
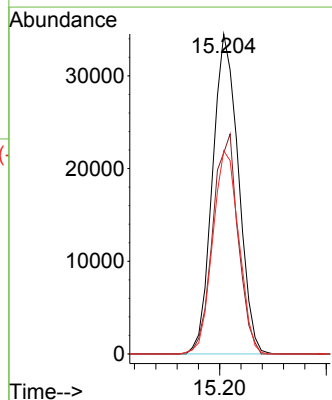
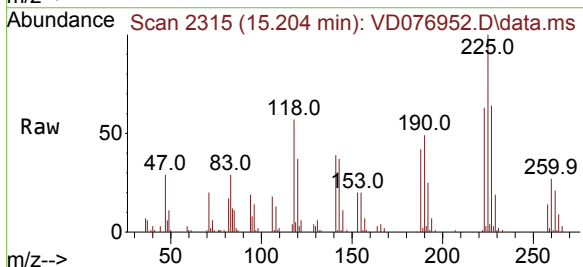
Tgt Ion:225 Resp: 58121

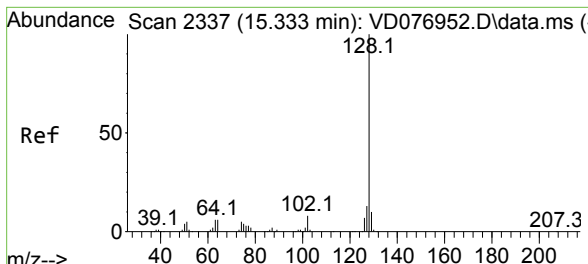
Ion Ratio Lower Upper

225 100

223 67.2 31.6 94.8

227 64.4 31.7 95.1



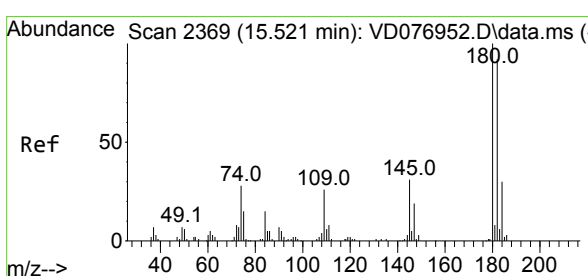
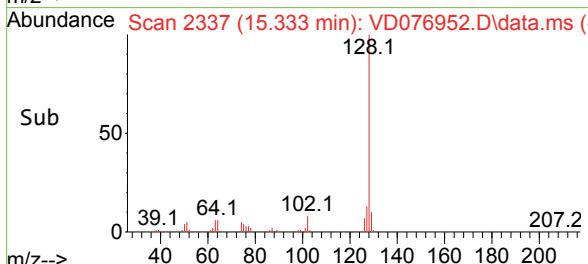
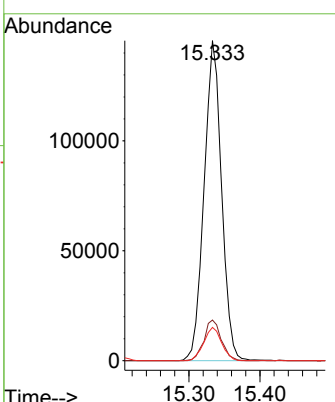
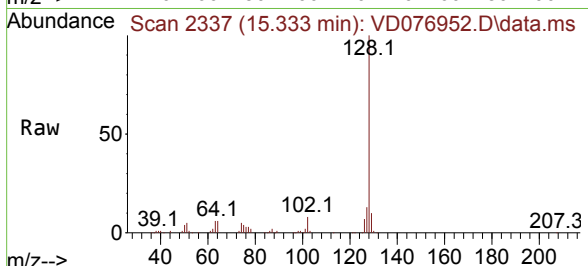


#95
 Naphthalene
 Concen: 45.479 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:128 Resp: 248790

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.4	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 46.117 ug/l
 RT: 15.521 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD076952.D
 Acq: 08 Aug 2023 14:02

Tgt Ion:180 Resp: 110593

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.9
145	30.9	15.1	45.3

